MHC-RG550

MANUAL DE SERVIÇO

Brazilian Model

Versão 1.1 11.2003
Clique aqui

CD Section	Model Name Using Similar Mechanism	NEW
	CD Mechanism Type	CDM74F-K6BD71B
	Base Unit Name	BU-K6BD71B
	Optical Pick-up Name	KSS-213DCP
Tape Deck Section	Model Name Using Similar Machanism	CX-JT8
	Tape Transport Mechanism Type	CWM43RR-23

ESPECIFICAÇÕES TÉCNICAS - Ver a página seguinte

SISTEMA COMPACTO DE SOM

SONY®

Especificações Técnicas

Amplificador

Potência de Saída RMS	140 + 140 watts (6 ohms a 1 kHz, 10%THD)
Potência de Saída PMPO	2600W

Entradas

MD (VIDEO) IN L/R (tomadas RCA):
Sensibilidade 450/250 mV, impedância 47 kilohms

GAME INPUT AUDIO L/R (tomadas RCA):
Sensibilidade 250 mV, impedância 47 kilohms

GAME INPUT VIDEO (tomada RCA):
1Vp-p, 75 ohms

MIC (tomada fone)
Sensibilidade 1 mV, impedância 10 kilohms

Saídas

PHONES (minitomada estéreo):
aceita fone de ouvido de 8 ohms ou mais

VIDEO OUT (tomada RCA):
nível máx. de saída 1Vp-p, não balanceado, sincronismo negativo, impedância de carga de 75 ohms

SPEAKER: aceita impedância de 6 a 16 ohms.

Reprodutor de CDs

Sistema	Sistema de áudio digital de disco compacto
Laser	Laser semiconductor (λ=780 nm) Duração da emissão: contínua
Resposta de Freqüência	2 Hz – 20 kHz (±0,5 dB)
Comprimento de onda	780 – 790 nm
Relação Sinal-Ruído	Maior que 90 dB
Faixa Dinâmica	Maior que 90 dB

CD OPTICAL DIGITAL OUT
(tomada de conector quadrado no painel traseiro)

Comprimento de Onda	660 nm
Nível de saída	–18 dBm

Reprodutor de Fitas

Sistema de Gravação	4-pistas 2 canais estéreo
Resposta de Freqüência	50 – 13.000 Hz (±3 dB), utilizando fita cassete Sony tipo I (normal)
Wow e flutter	Menor que 0,2% W. RMS (DIN)

Rádio

FM estéreo, sintonizador super-heteródino de FM/AM

Sintonizador FM

Faixa de Sintonização	87,5 – 108,0 MHz
Antena	Antena monofilar de FM
Terminais de Antena	75 ohms, não balanceado
Freqüência Intermediária	10,7 MHz

Sintonizador AM

Faixa de Sintonização	530 – 1.710 kHz (com intervalo de freqüência ajustado em 10kHz) 531 – 1.602 kHz (com intervalo de freqüência ajustado em 9kHz)
Antena	Antena Loop de AM
Terminal de Antena	Terminal da antena externa
Freqüência Intermediária	450 kHz

Caixas acústicas

Sistema	3 vias, 3 unidades, tipo bass-reflex
Unidades de Alto-falantes	
SubWoofer:	15 cm, tipo cone
Woofer:	15 cm, tipo cone
Tweeter:	5 cm, tipo cone
Impedância Nominal	6 ohms
Dimensões (LxAxP)	Aprox. 240 × 363 × 290 mm
Peso	Aprox. 4,7 kg cada caixa

Geral

Alimentação	127 V / 220 V CA, 60 Hz Ajustável com seletor de voltagem
Consumo	135 watts
Dimensões (LxAxP)	Aprox. 280 × 325 × 407 mm
Peso	Aprox. 9,0 kg
Acessórios Fornecidos	Controle Remoto (1) Pilhas tipo AA (2) Antena Loop de AM(1) Antena monofilar de FM (1) Pés de apoio para as caixas acústicas (8)

Projeto e especificações técnicas sujeitos a alteração sem prévio aviso.

NOTAS SOBRE O MANUSEIO DA UNIDADE ÓPTICA

O diodo laser da unidade óptica é sensível a descargas eletroestáticas podendo ser danificado por descargas causadas por roupas ou mesmo pelo corpo humano. Durante o reparo tenha cuidado para não causar danos a unidade, devido a descargas eletroestáticas e siga corretamente os procedimentos descritos nesse manual para a execução de reparos e troca de componentes. As placas de circuito impresso são facilmente danificadas, tenha muito cuidado para manuseá-las.

NOTAS SOBRE O DIODO EMISSOR DE LASER

O feize laser nesse modelo é concentrado e deve ser focado na superfície reflexiva do disco, pela lente objetiva da unidade óptica. Quando observar a emissão do diodo laser, tome o cuidado de estar no mínimo a 30 cm da lente objetiva.

O componente laser desse produto é capaz de emitir radiação, excedendo o limite da Classe 1.

Este aparelho é classificado como um produto LASER CLASSE 1. O símbolo do produto laser classe 1 está localizado na parte posterior externa do aparelho.

Atenção
O uso dos controles, ajustes ou execução de procedimentos que não sejam os descritos nesse manual, podem causar exposição a uma perigosa radiação.

Notas sobre substituição de componentes tipo chip

¥ Nunca reutilize um componente tipo chip.
¥• Informamos que os capacitores eletrolíticos de tântalo podem ser danificados se expostos a altas temperaturas.

Notas sobre o reparo da placa de circuito impresso

¥• Mantenha a temperatura do ferro de solda por volta de 270ûC durante o reparo.
¥• Não ressolde componentes em um mesmo ponto da placa mais de três vezes.
¥• Tenha cuidado para não forçar os condutores (trilhas) da placa durante o processo de soldagem e dessoldagem.

ATENÇÃO COM OS COMPONENTES DE SEGURANÇA !

OS COMPONENTES IDENTIFICADOS COM A MARCA ⚠ NOS DIAGRAMAS ESQUEMÁTICOS E NA LISTA DE PEÇAS SÃO CRÍTICOS PARA A SEGURANÇA. SOMENTE OS SUBSTITUA POR PEÇAS IDENTIFICADAS NESSE MANUAL OU EM SUPLEMENTOS PUBLICADOS PELA SONY.

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SEÇÃO 1
GERAL

Aparelho

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1 Tecla I/⏻ (power) (11, 18, 28, 33, 34, 36)
2 Tecla DISPLAY (30, 31)
3 Sensor de controle remoto
4 Visor de informações
5 Indicador Power (31)
6 Tecla ❚❚ (pausa) (14, 21)
7 Gaveta de discos (13)
8 Teclas DISC 1 ~ 3 (14, 16)
9 Tecla DISC SKIP/EX-CHANGE (13, 14, 16)
10 Tecla ⏏ (13)
11 Tecla EFFECT ON/OFF (23, 24)
12 Tecla ENTER (12, 16, 17, 24, 27, 29)
13 Tecla GAME EQ (23)
Tecla GROOVE (23, 36)
Tecla MOVIE EQ (23)
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14 Tecla P FILE (24)
15 PUSH ⏏ (deck B) (20)
16 Deck B (20, 21, 22, 26)
17 Tecla ■ (parada) (14, 21, 22, 26, 36)
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18 Controle VOLUME (27)
19 Tomada PHONES
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22 Tomada GAME INPUT VIDEO (32)
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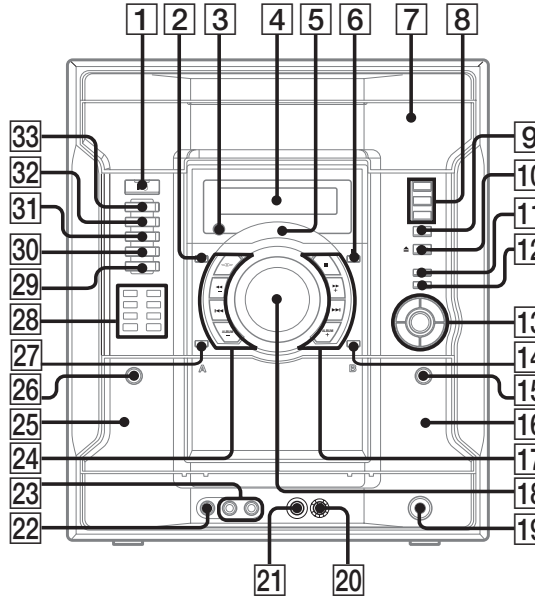
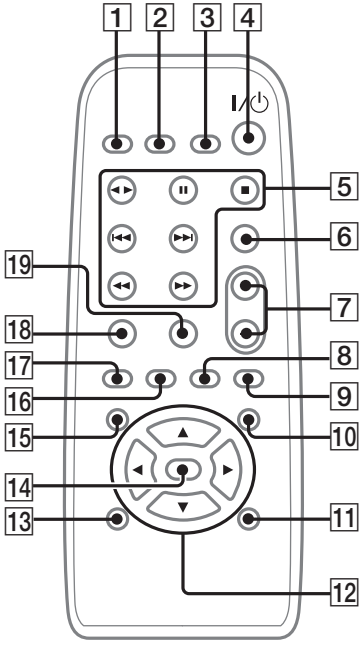
Tecla REC PAUSE/START (21, 22, 25, 26)
Tecla REPEAT (15)
Tecla SURROUND (24)
Tecla TUNER MEMORY (17)
Tecla CD SYNC (21)
Tecla CLEAR (16)
Tecla DIRECTION (20, 21, 22, 26)
Tecla EDIT (21)
Tecla FM MODE (19)
29 Tecla GAME (25, 33)
30 Tecla MD (VIDEO) (33)
31 Tecla TAPE A/B (20, 21, 22, 26)
32 Tecla TUNER/BAND (17, 18, 22)
33 Tecla CD (13, 16, 21, 22)



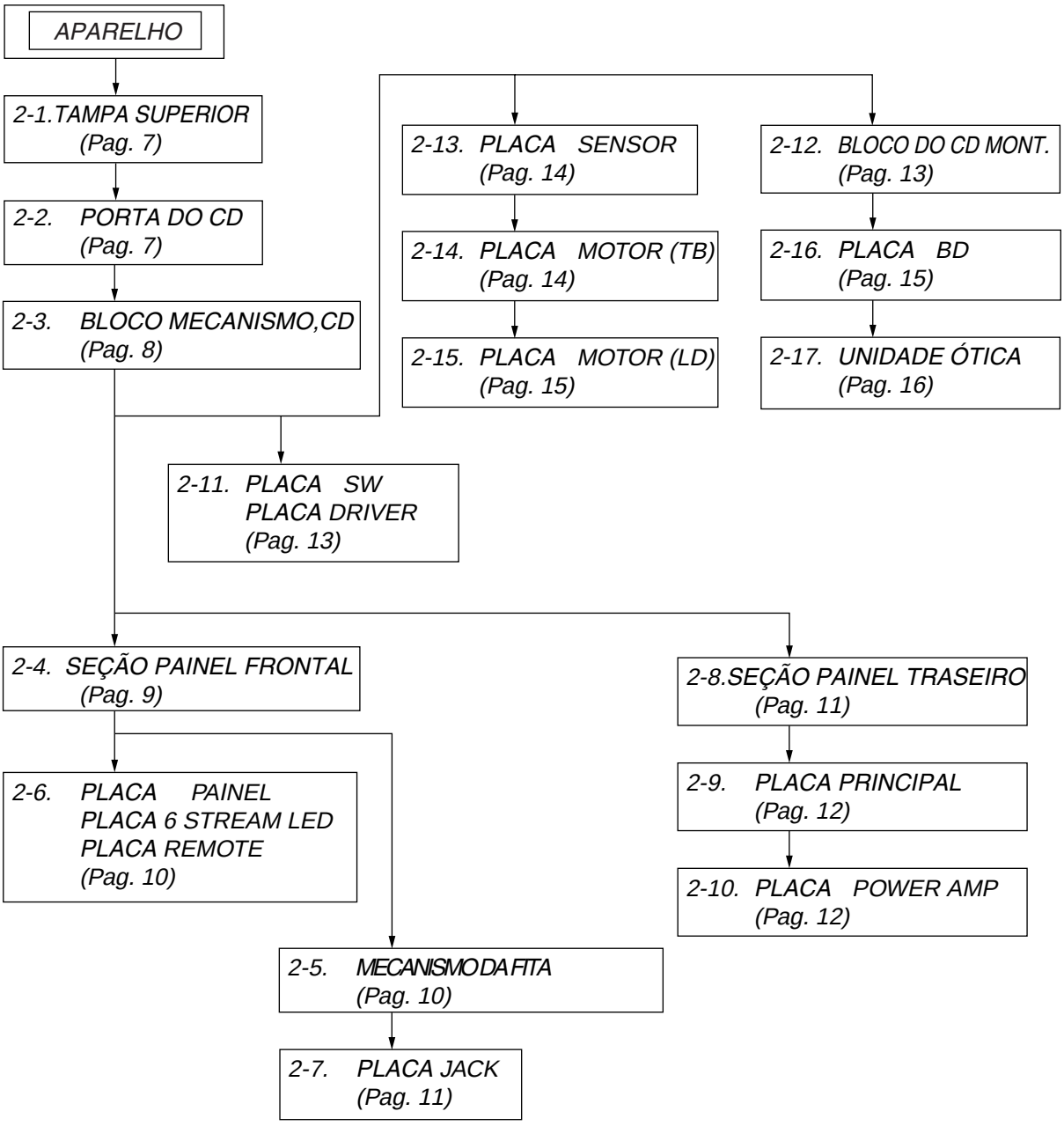
Controle Remoto

1 Tecla SLEEP (27)
2 Tecla CLOCK/TIMER SELECT (28, 29)
3 Tecla CLOCK/TIMER SET (12, 27, 29)
4 Tecla I/⏻ (power) (11, 18, 28, 34)
5 Tecla ▶▶/TUNING + (14, 17, 19, 21)
Tecla ▶▶I/PRESET + (14, 17, 18, 21)
Tecla ◀◀/TUNING – (14, 17, 19, 21)
Tecla I◀◀/PRESET – (14, 17, 18, 21)
Tecla ◀I▶ (reprodução) (14, 20)
Tecla II (pausa) (14, 21)
Tecla ■ (parada) (14, 21, 22, 26)
Tecla CLEAR (16)
6 Tecla D. SKIP (14, 16)
7 Tecla VOL +/– (27)
8 Tecla TAPE A/B (20, 21, 22, 26)
9 Tecla MD (VIDEO) (33)
10 Tecla GAME (25, 33)
11 Tecla EFFECT ON/OFF (23, 24)
12 Teclas ▲/▼/◀/▶ (12, 27, 28, 29)
13 Tecla P FILE (24)
14 Tecla ENTER (12, 16, 17, 24, 27, 29)
15 Tecla PRESET EQ (23)
16 Tecla TUNER/BAND (17, 18, 22)
17 Tecla CD (13, 16, 21, 22)
18 Tecla ALBUM – (14, 16)
19 Tecla ALBUM + (14, 16)



SEÇÃO 2
DESMONTAGEM

Nota : desmonte o aparelho na ordem dada a seguir.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2-14. PLACA MOTOR (TB) (Pag. 14)
2-15. PLACA MOTOR (LD) (Pag. 15)
2-12. BLOCO DO CD MONT. (Pag. 13)
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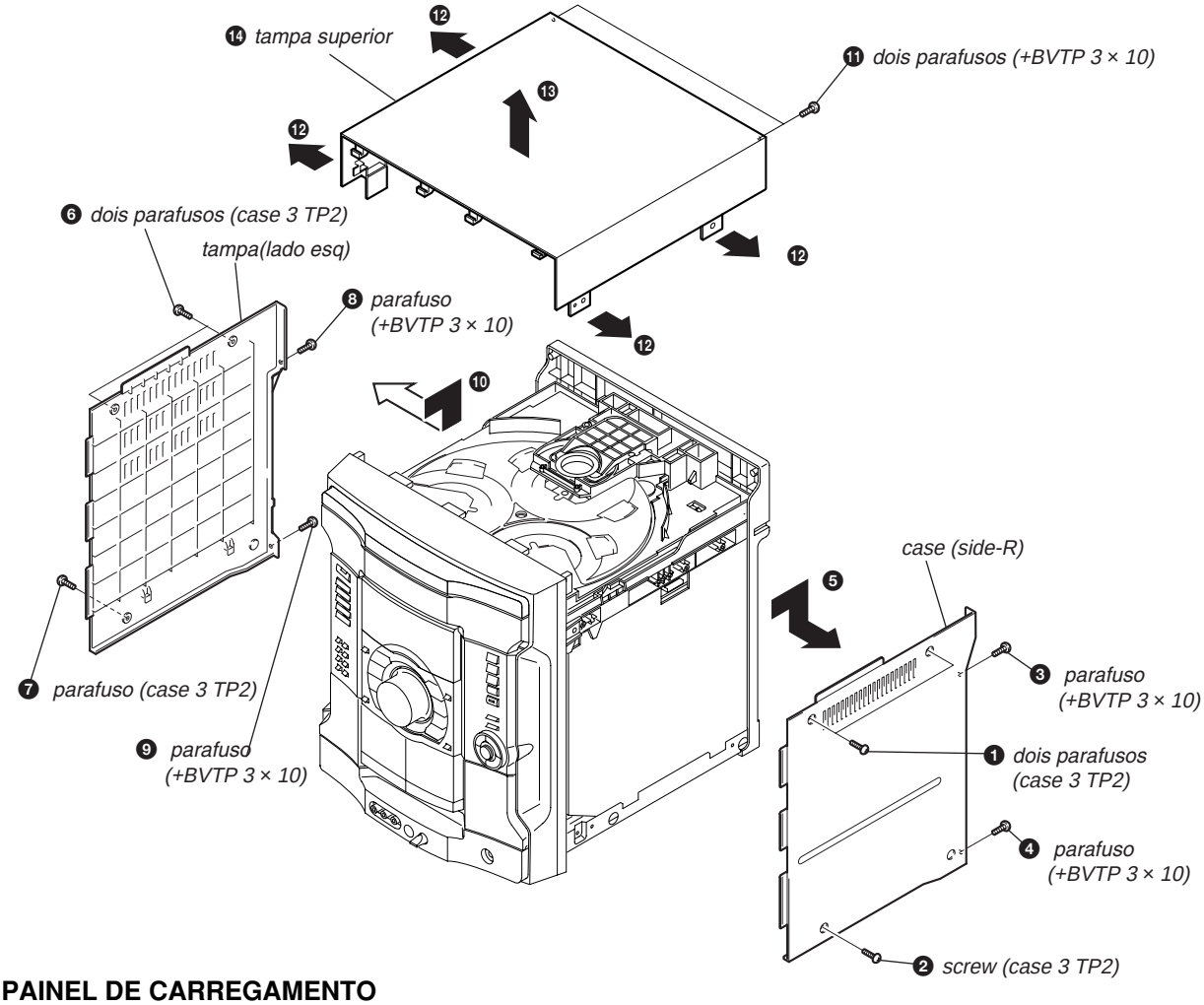
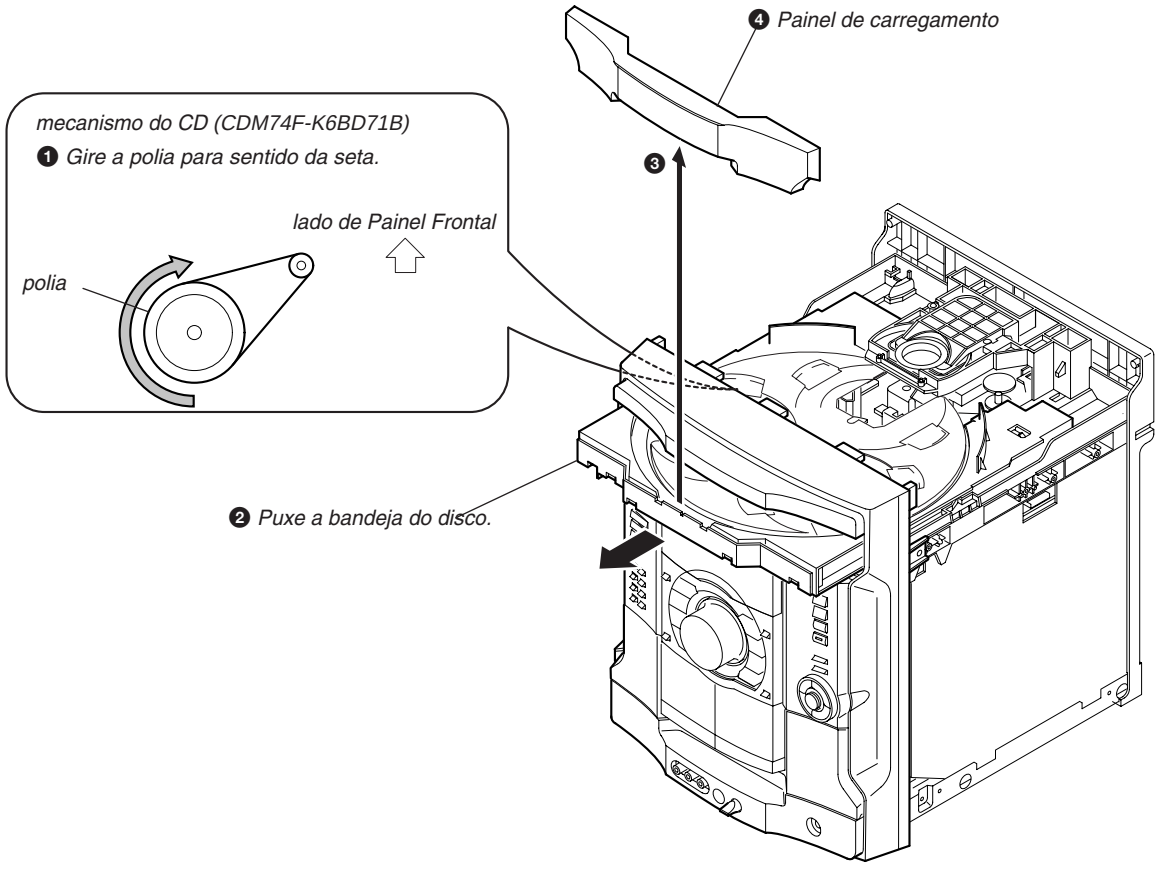
2-17. UNIDADE ÓTICA (Pag. 16)

Nota : Siga o procedimento de desmontagem na ordem numérica dada.

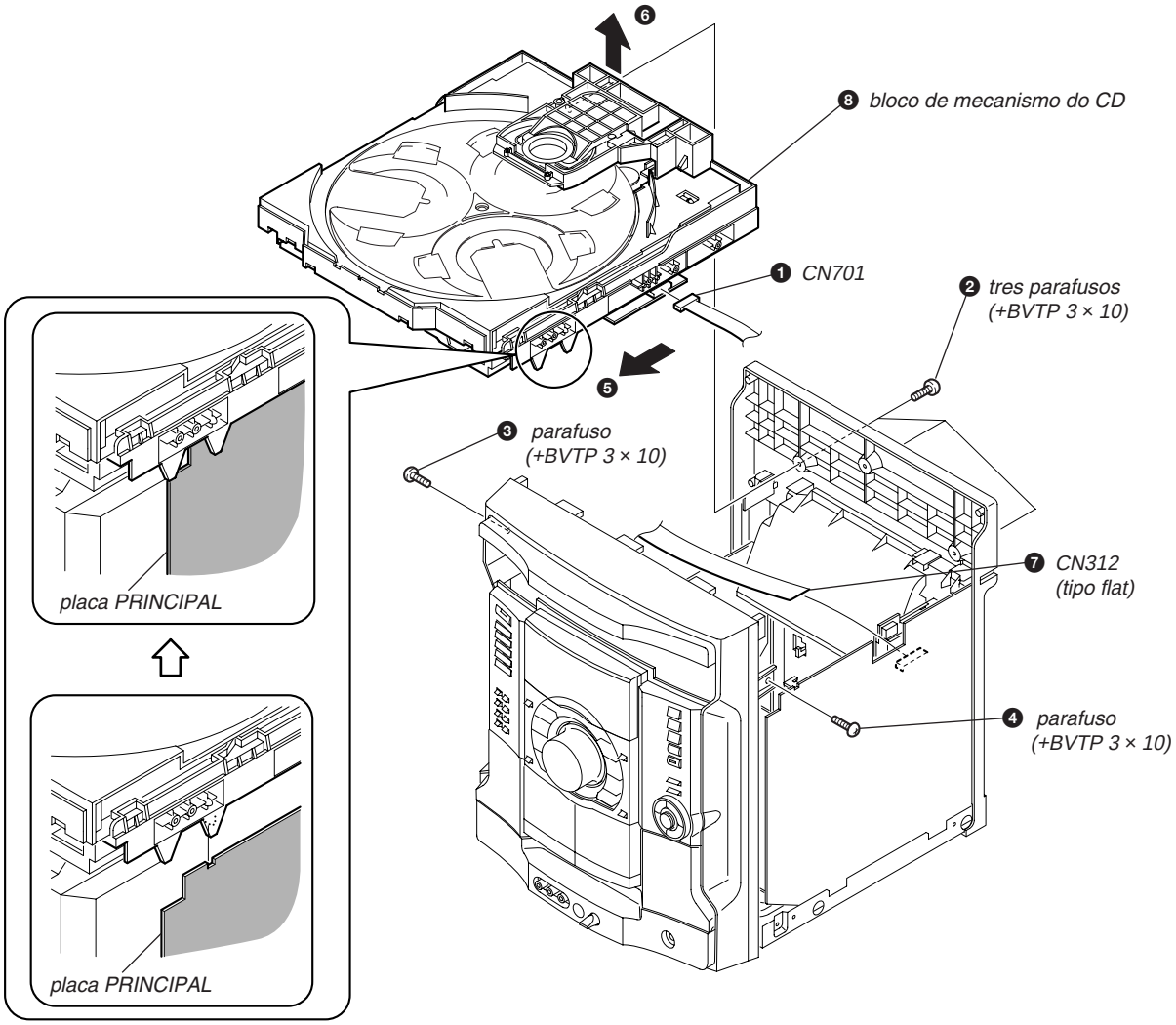
2-1. TAMPA SUPERIOR



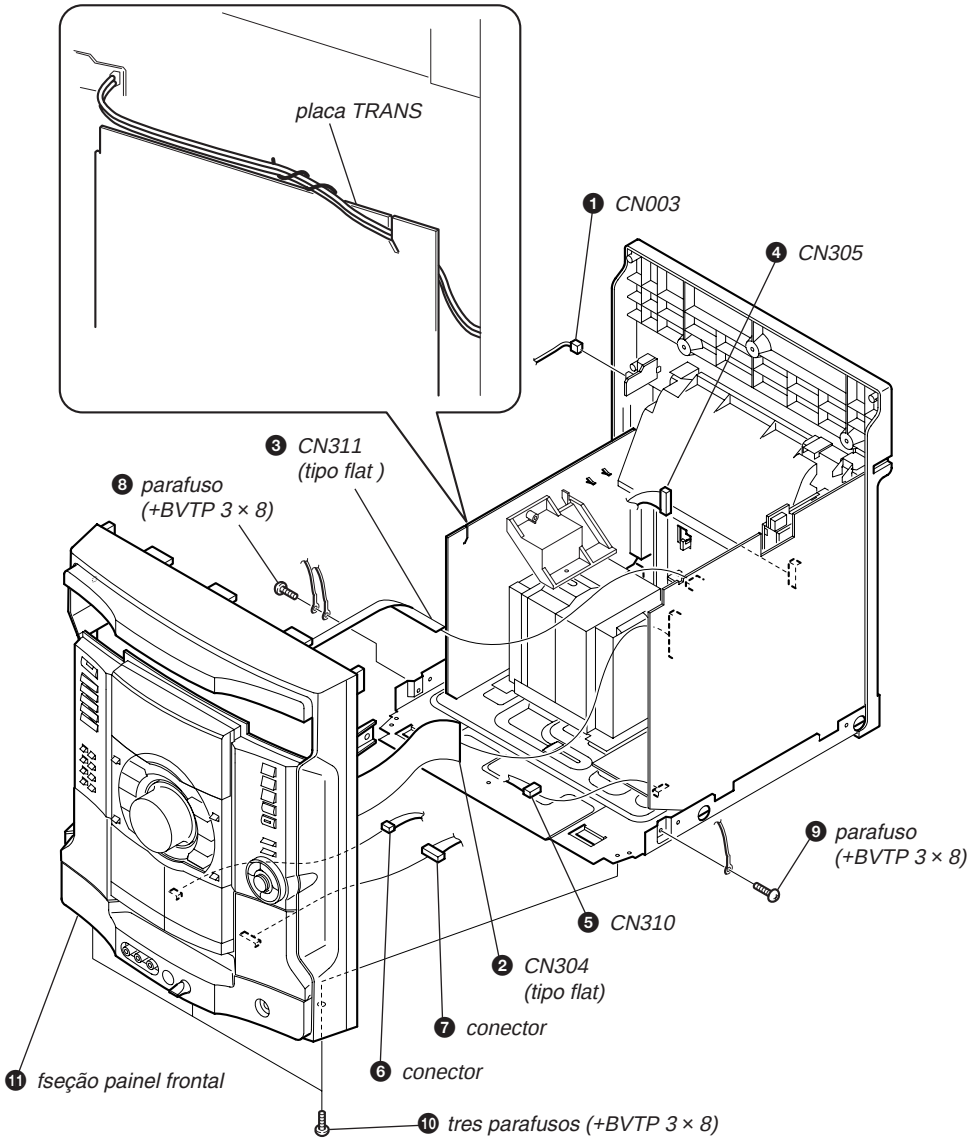
2-2. PAINEL DE CARREGAMENTO


❹ Painel de carregamento
❸
mecanismo do CD (CDM74F-K6BD71B)
❶ Gire a polia para sentido da seta.
lado de Painel Frontal
polia
❷ Puxe a bandeja do disco.

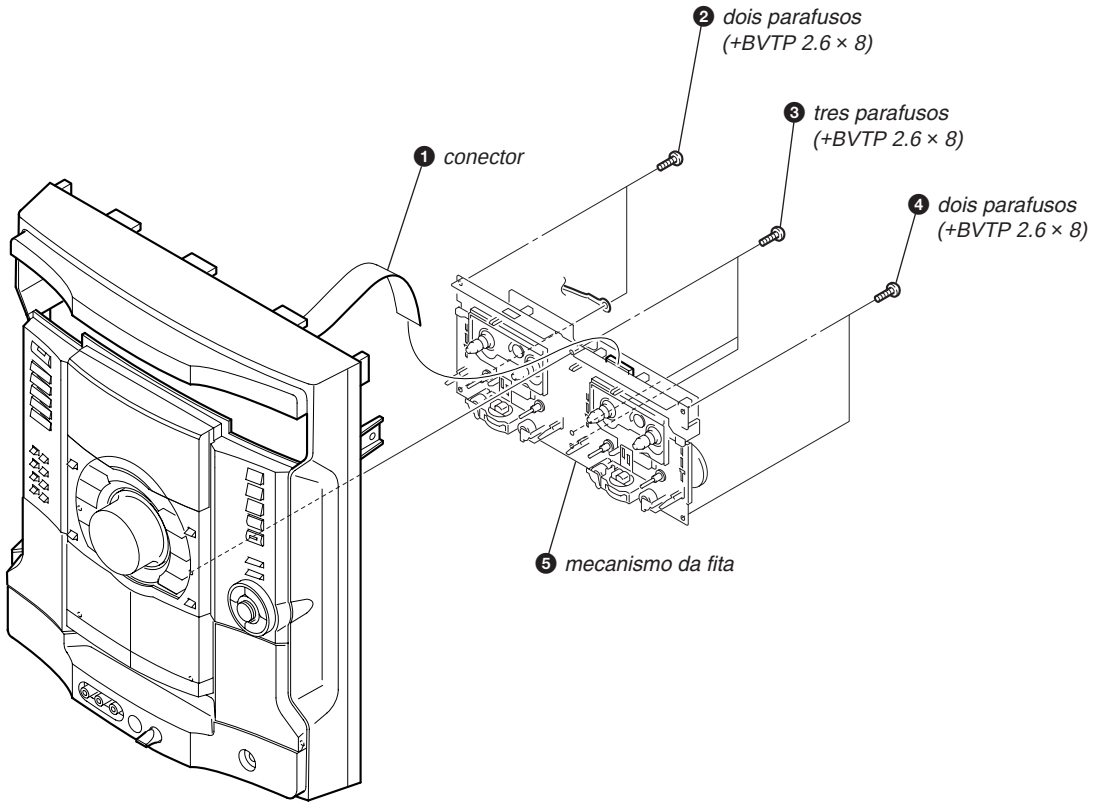
2-3. BLOCO DE MECANISMO DO CD



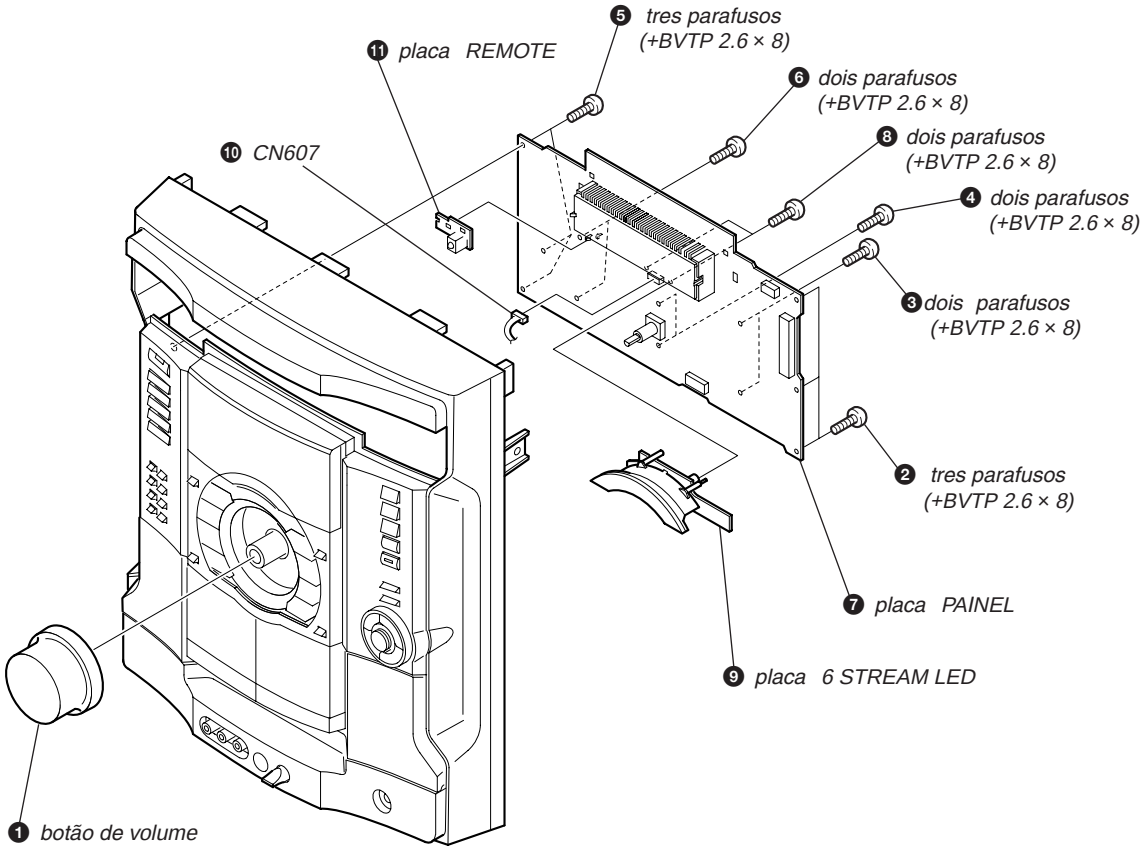
2-4. SEÇÃO PAINEL FRONTAL



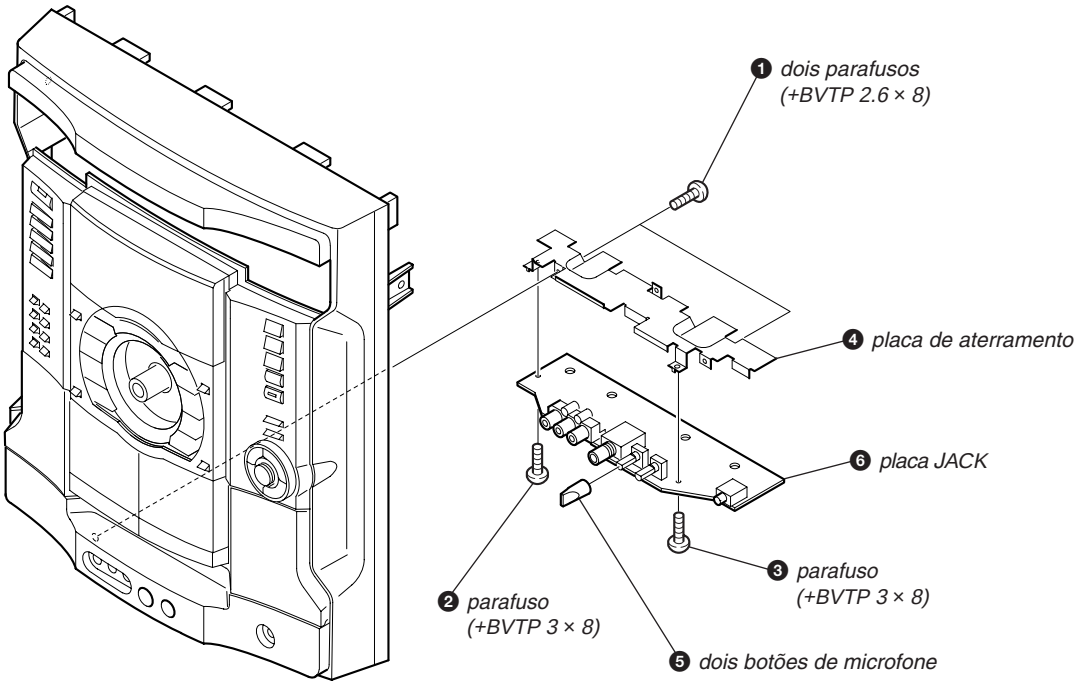
2-5. MECANISMO DA FITA



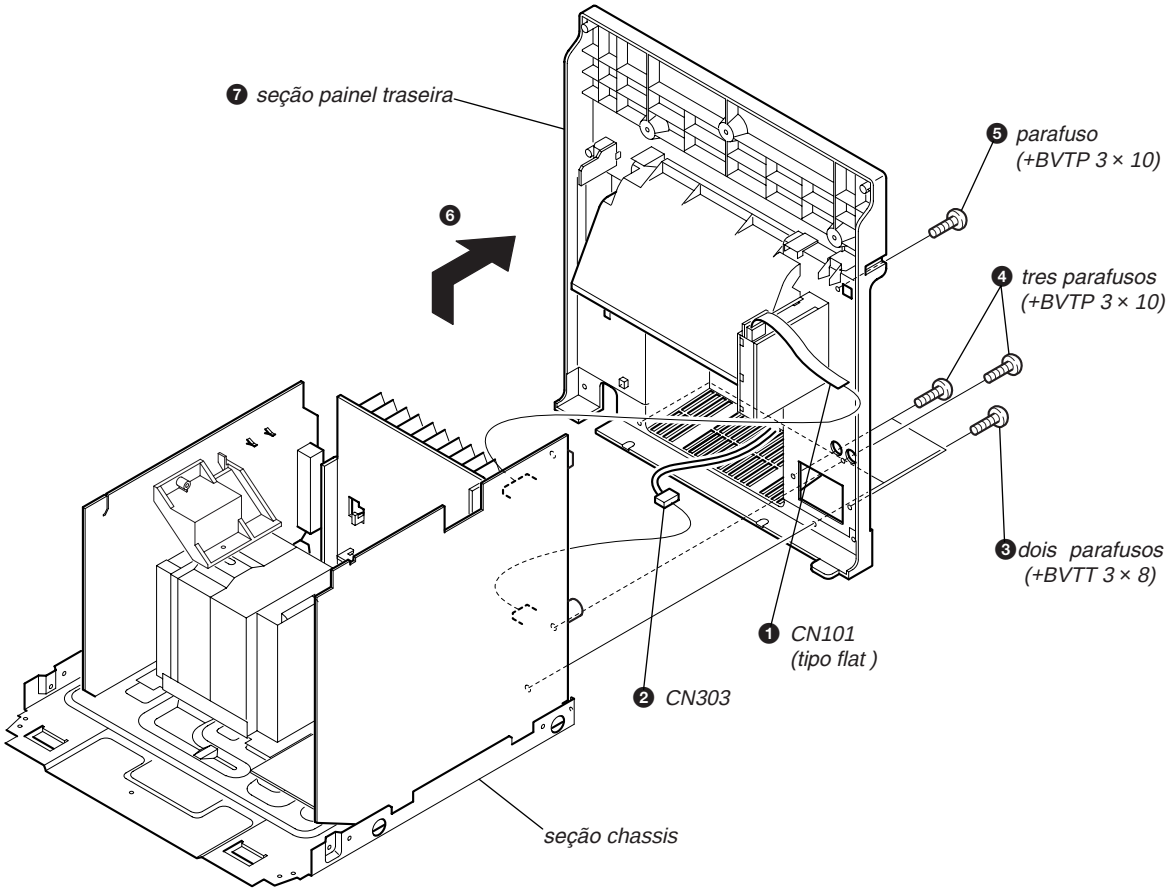
2-6. PLACA PAINEL , PLACA 6 STREAM LED, PLACA REMOTE



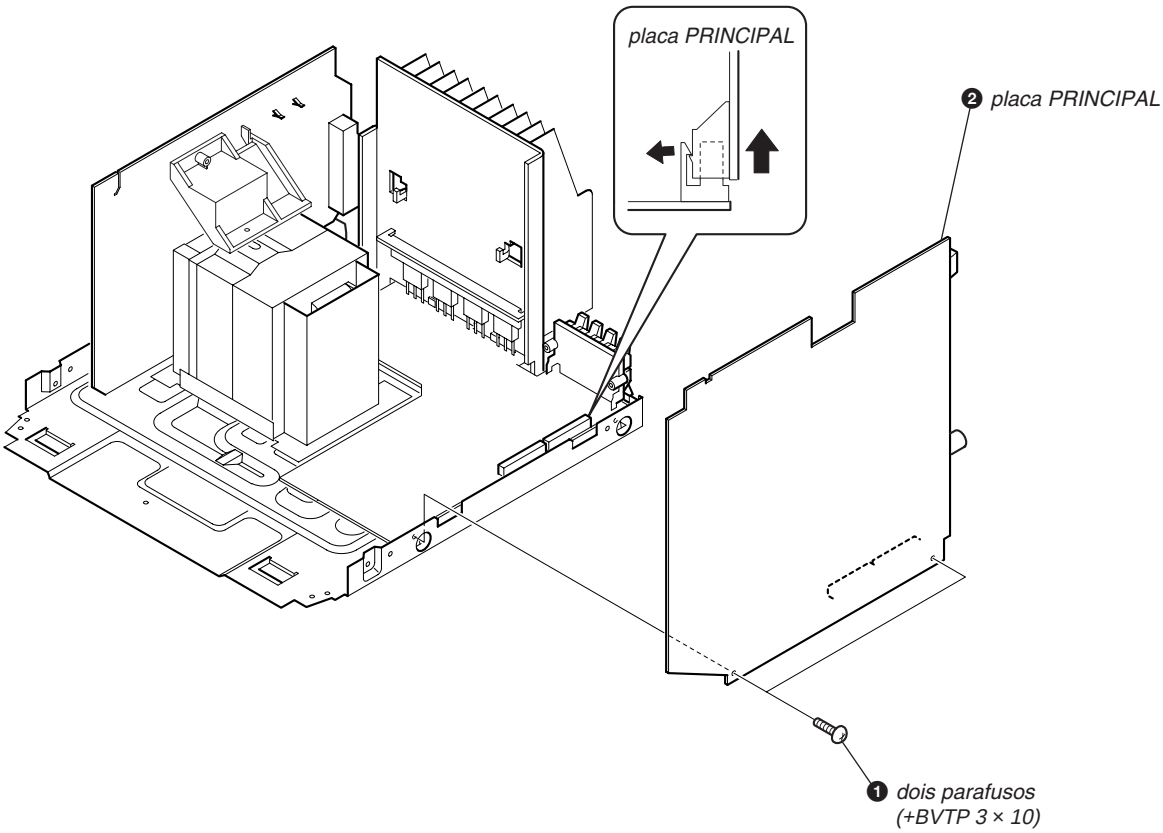
2-7. PLACA JACK



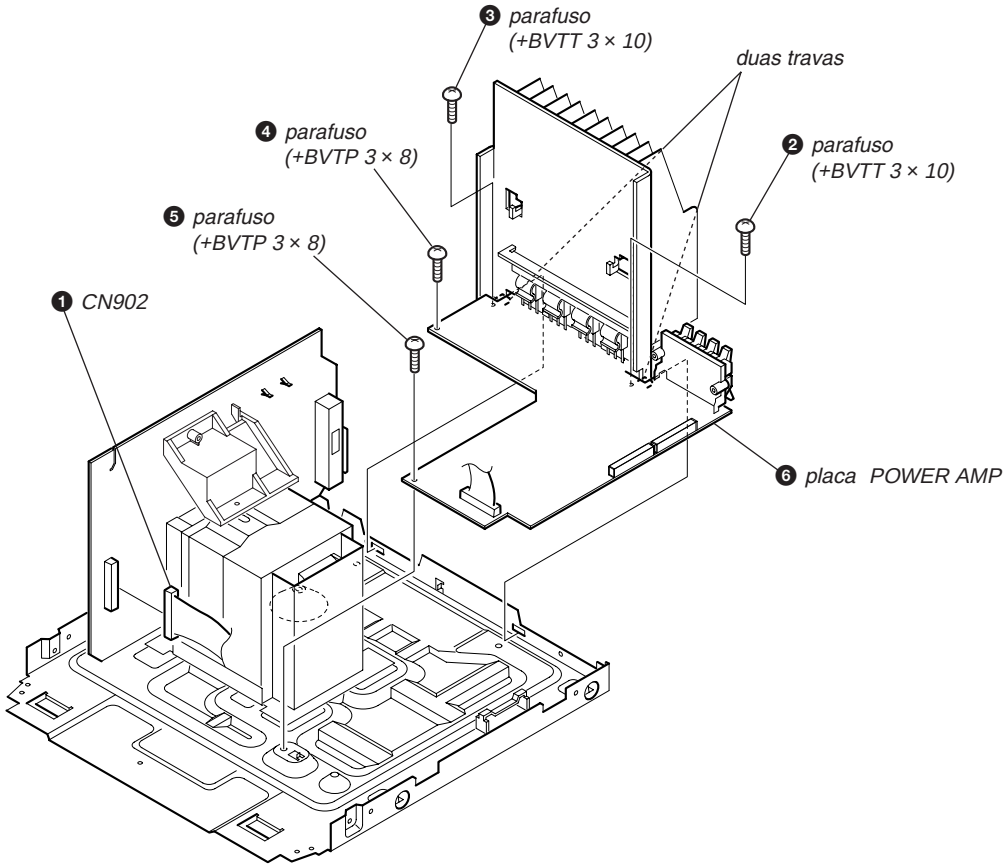
2-8. SEÇÃO PAINEL TRASEIRA



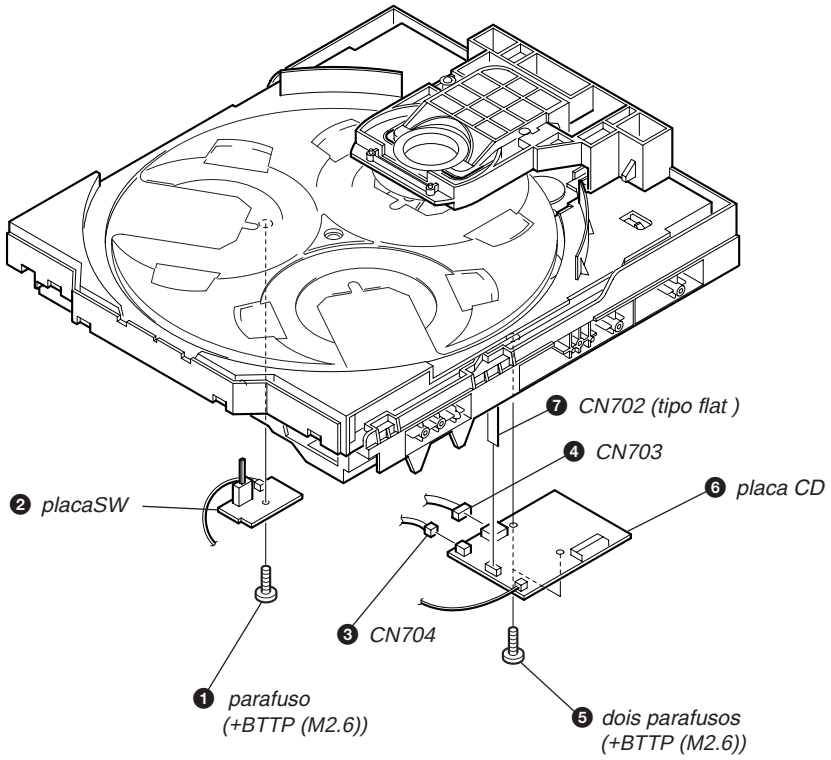
2-9. PLACA PRINCIPAL



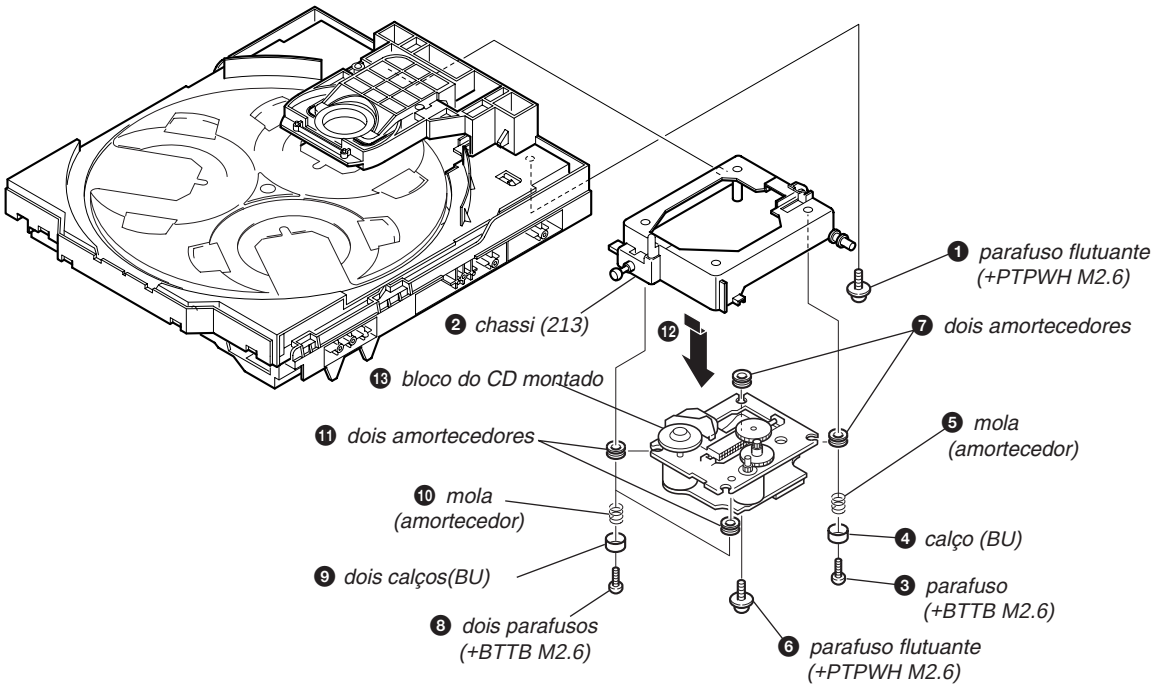
2-10. PLACA POWER AMP



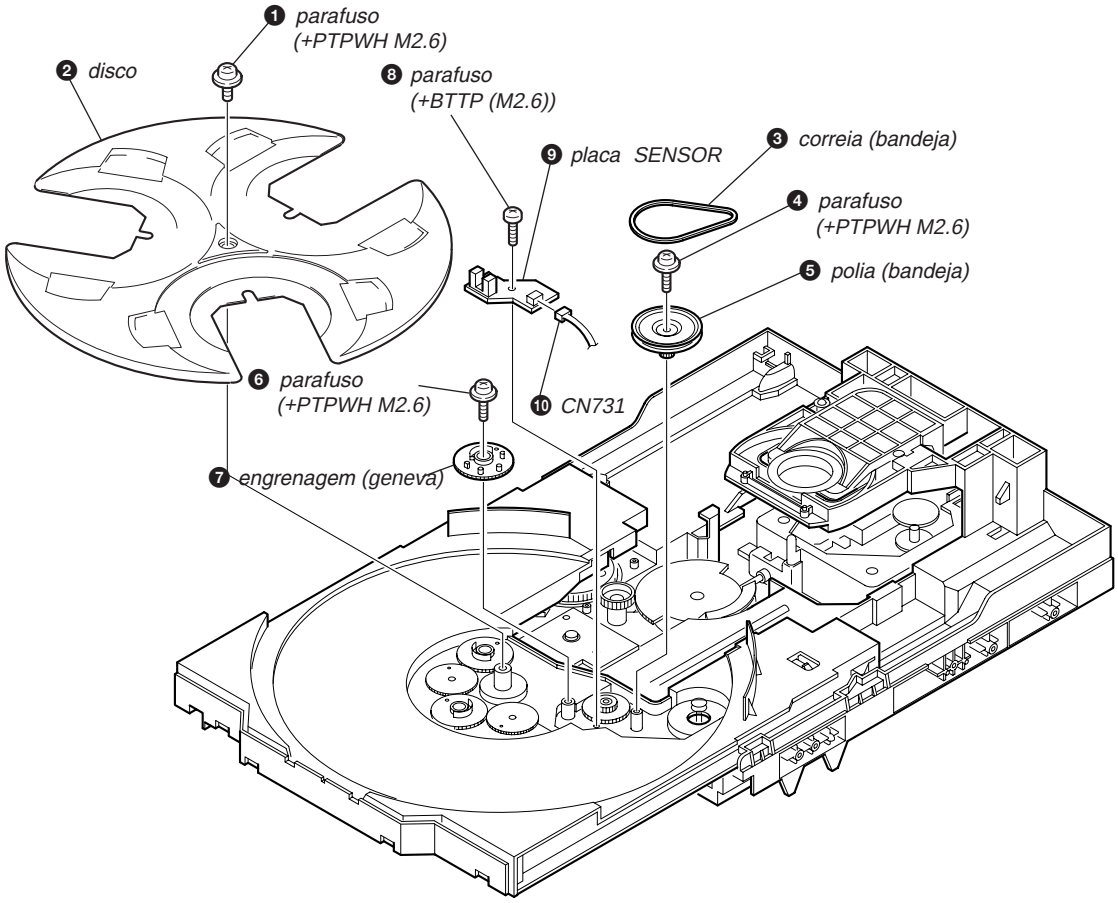
2-11. PLACA SW, PLACA CD



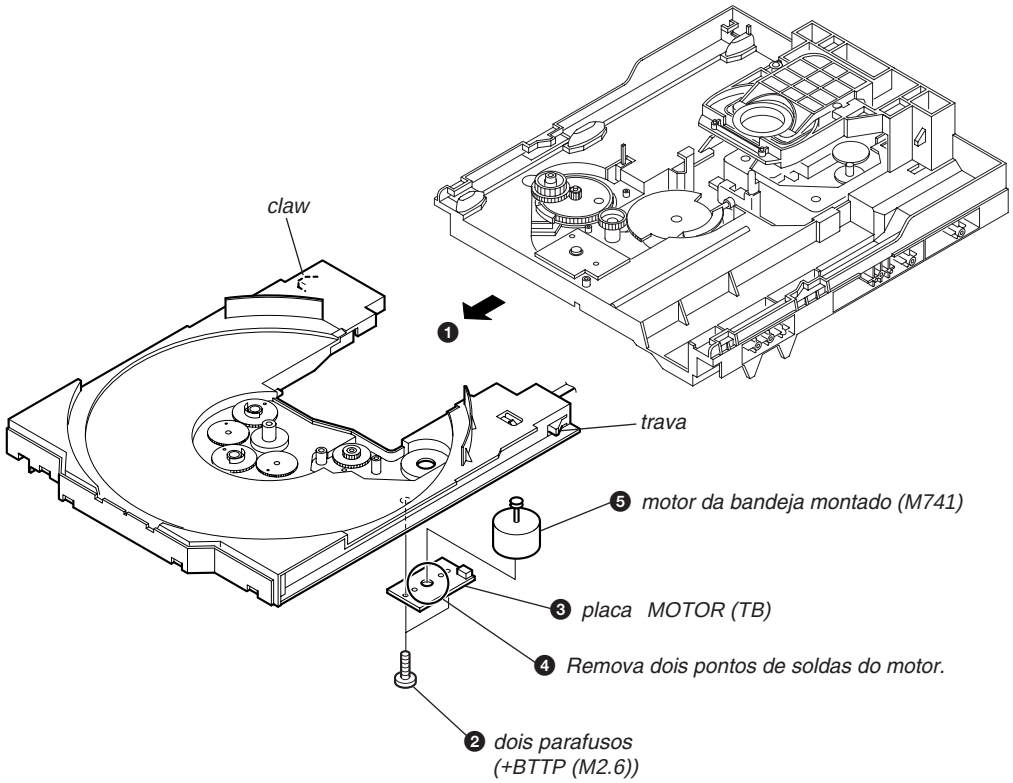
2-12. BLOCO DE CD MONTADO



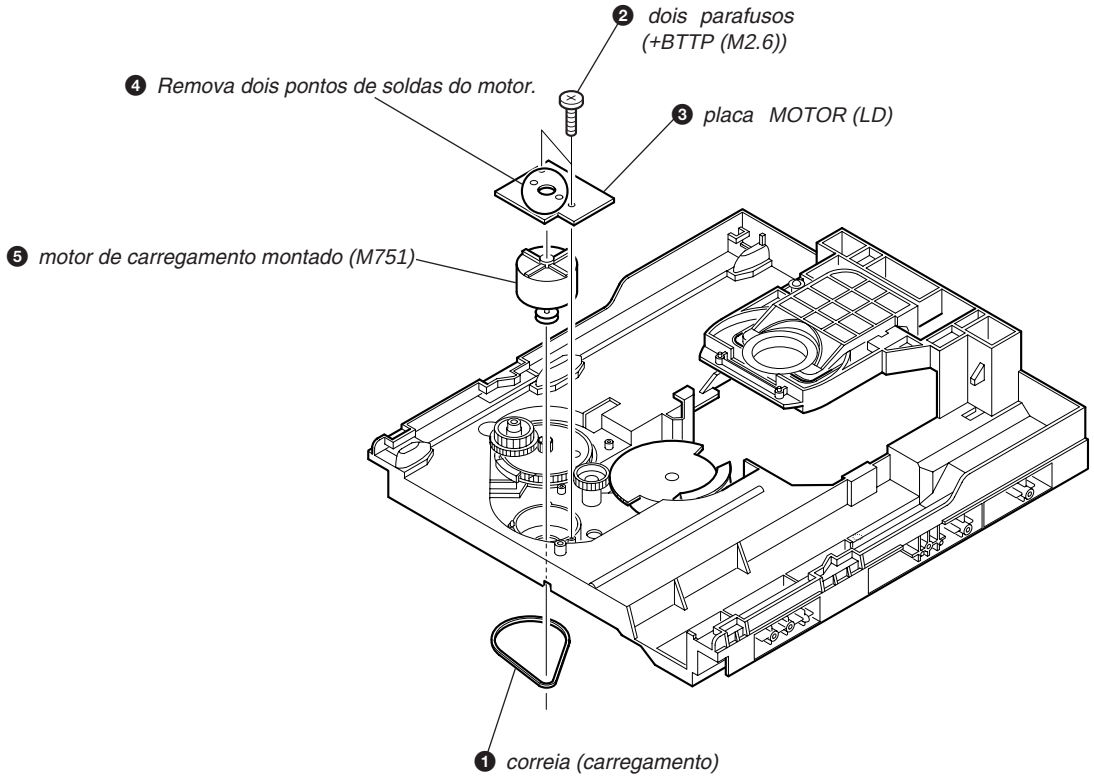
2-13. PLACA SENSOR



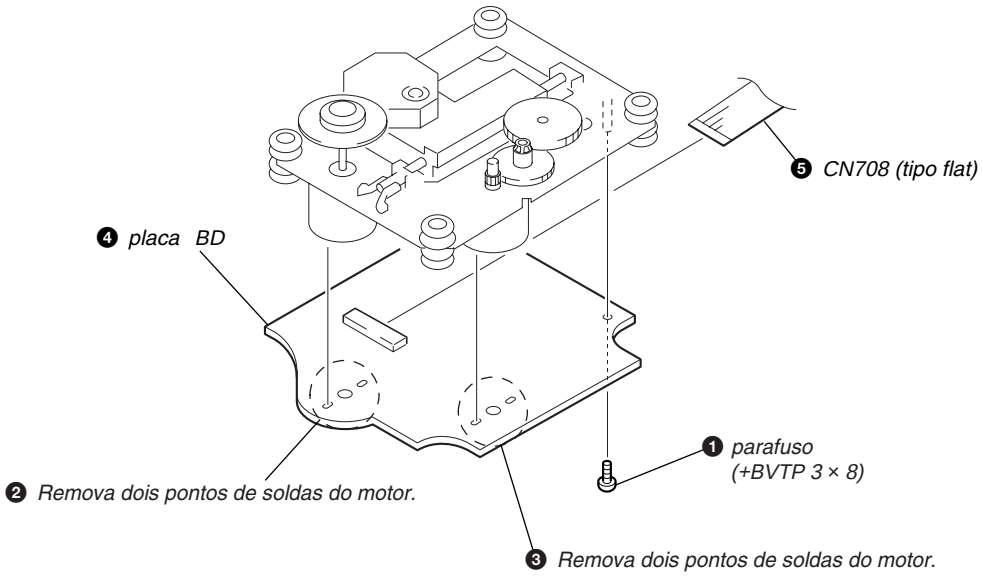
2-14. PLACA MOTOR (TB)



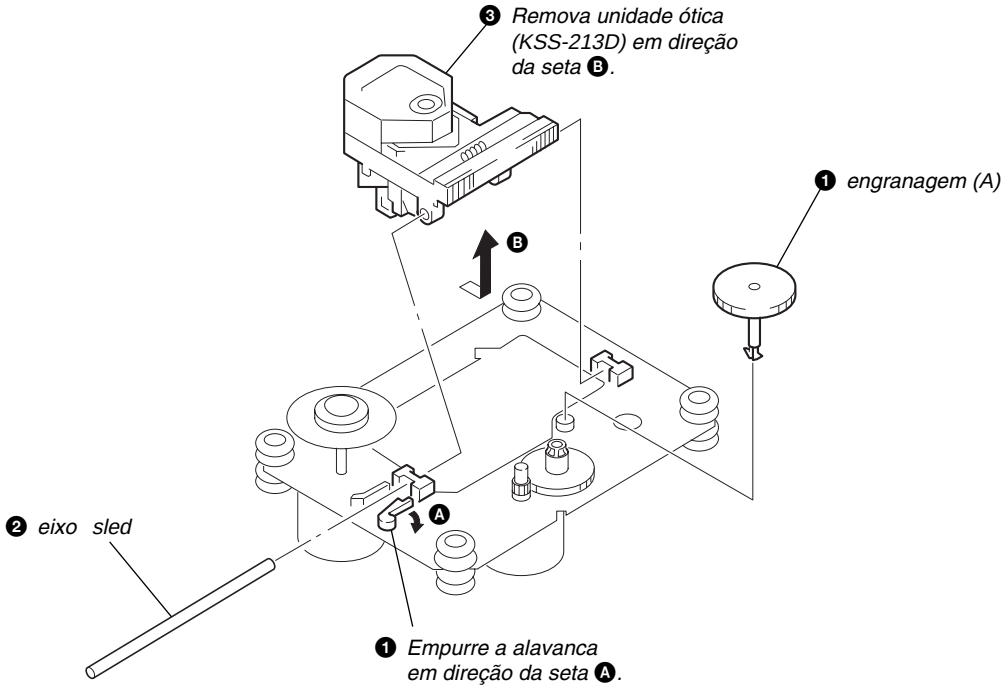
2-15. PLACA MOTOR (LD)


❷ dois parafusos
(+BTTP (M2.6))
❹ Remova dois pontos de soldas do motor.
❸ placa MOTOR (LD)
❺ motor de carregamento montado (M751)
❶ correia (carregamento)

2-16. PLACA BD


❺ CN708 (tipo flat)
❹ placa BD
❶ parafuso
(+BVTP 3 × 8)
❷ Remova dois pontos de soldas do motor.
❸ Remova dois pontos de soldas do motor.

2-17. UNIDADE ÓTICA



SEÇÃO 3
MODO DE TESTE

[COLD RESET]

• Este modo apaga todos os dados,inclusive aqueles guardados na RAM Execute esse modo quando for retornar o aparelho ao consumidor.

Procedimento:

1. Pressione o botão [POWER] para ligar o aparelho.
2. Pressione simultaneamente tres botões [■] , [GROOVE] e [POWER]
3. O display indicará “COLD RESET” e o aparelho será resetado.

[ALTERAÇÃO DE INTERVALO DA FREQUENCIA AM]

• O intervalo dos canais AM pode ser alterado 9kHz ou para 10 kHz.

Procedimento:

1. Pressione o botão [POWER] para ligar o aparelho.
2. Pressione o botão [TUNER BAND] para selecionar “AM”.
3. Pressione o botão [POWER] para desligar o aparelho.
4. Pressione simultaneamente dois botões [ENTER] e [POWER].
5. A mensagem “9K STEP” ou “10K STEP” é mostrado no display.

MODO DE TRANSPORTE -CD]

• Este modo posiciona a unidade ótica adequadamente contra vibrações. Execute esse modo quando for retornar o aparelho ao consumidor.

Procedimento:

1. Pressione o botão [POWER] para ligar aparelho.
2. Pressione o botão [CD] para selecionar “CD”.
3. Pressione simultaneamente dois botões [CD] e [POWER]
4. A menssagem “LOCK” será exibida no display e o modo estará completo.

[FUNÇÃO DE SELEÇÃO DA ENTRADA - MD/VIDEO]

• Este modelo utiliza para selecionar a entrada externa para mudar a entrada MD e VIDEO.

Procedimento:

1. Coloque no modo de Standby.
2. Pressione simultaneamente dois botões [MD_VIDEO] e [POWER]
3. A menssagem “MD” ou “VIDEO” será exibida no display e a função de seleção da entrada será alterada.

[MODO DE TRAVAMENTO DA GAVETA DE CD]

• Este modo utilizado para travar a gaveta com o disco de demonstração na loja.

Procedimento:

1. Pressione o botão [POWER] para ligar o aparelho.
2. Pressione o botão [CD] para selecionar “CD”.
3. Coloque o disco na bandeja.
4. Enquanto pressiona [■] pressione [⏏] por 5 segundos.
5. A menssagem “LOCKED” é exibida e a bandeja é travada. (Mesmo saindo do modo a gaveta permanecerá travada).
6. Para liberar a gaveta, pressione simultaneamente os botões [■] e [⏏] por 5 segundos.
7. A menssagem “UNLOCKED” é exibida no display e a bandeja é destravda.

[MODO DE TESTE DO AMP]

• Estemodo é utilizado para configurção do parametro do AMP IC da qualidade de Tone enível de VACS visualização VACS no display

Procedimento:

1. Pressione a tecla [POWER] para ligar o aparelho.
2. Pressione as teclas [■] , [GAME EQ] e [EFFECT ON/OFF] simultaneamente.
3. Quandoo modo de teste AMP é ativada a menssagem “AMP TEST” será exibida no display momentaneamente,
4. Pressione as teclas [GAME EQ] e [DISC 2] simultaneamente, o modo é alterado para ajuste do parametro do AMP IC e mostra condição de VACS .
5. Quando na condição de VACS, mostra no display os níveis de VACS.
6. Pressione a tecla [GROOVE] , DBFB ON/OFF é alternado.
7. Pressione a tecla [GAME MIXING], surround ON/OFF é alternado.
8. ← e → , a banda do EQ é alternado para LOW, MID ou HIGH.
9. Pressione o cursor [↑] e [↓] , o valor da curva de ajuste EQ é alternado entre –8dB a +8dB.
10. Para sair deste modo, pressione as teclas [GAME EQ] a [MOVIE EQ] simultaneamente.

[AGING MODE]

- Este modo pode ser usado para verificar o funcionamento do toca-fitas e do CD.
  Sção de CD e toca-fitas operam em paralelo.

Se um erro ocorrer:

A operação de aging é intorrompido somente quando ocorre erro na seção, é mostrado na displey a condição que encontra.

Se nenhum erro ocorrer:

O modo aging contimuará repetidamente.

Procedimento:

1. Pressione a tecla [POWER] para ligar o aparelho.
2. Pressione a tecla [CD] para selecionar"CD".
3. Coloque disco na bandeja e as fitas no taca-fitas.
4. Coloque no modo de "ALL DISCS" e no modo "REV OFF" .
5. Pressione as teclas [■] , [GAME EQ] e [DISC SKIP/EX-CHANGE] simultaneamente.
6. A mensagem "AGING" é mostrado momentaneamente no display, em seguida iniciarão as operações de CD e de fitas
7. Para sair deste modo, opere o "COLD RESET".

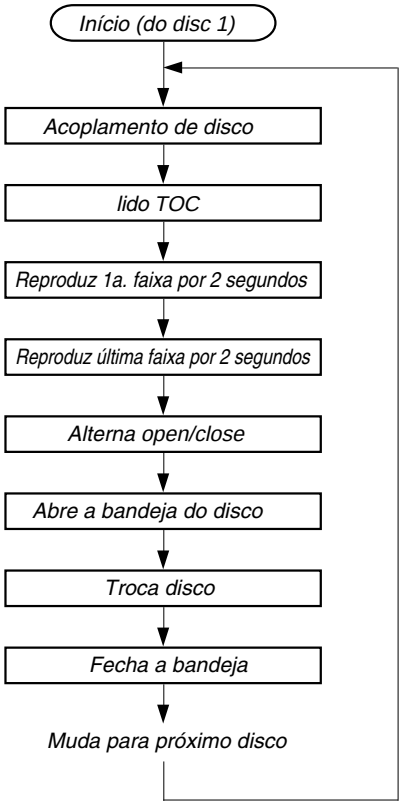
1. Indicação durante Modo de Aging

Indica as condições de operações do CD e da toca-fitas alternadamente.
Se ocorrer um erro, para a indicação no display desta seção.

2. Seção CD

A sequência de operação durante modo aging é conforme abaixo.

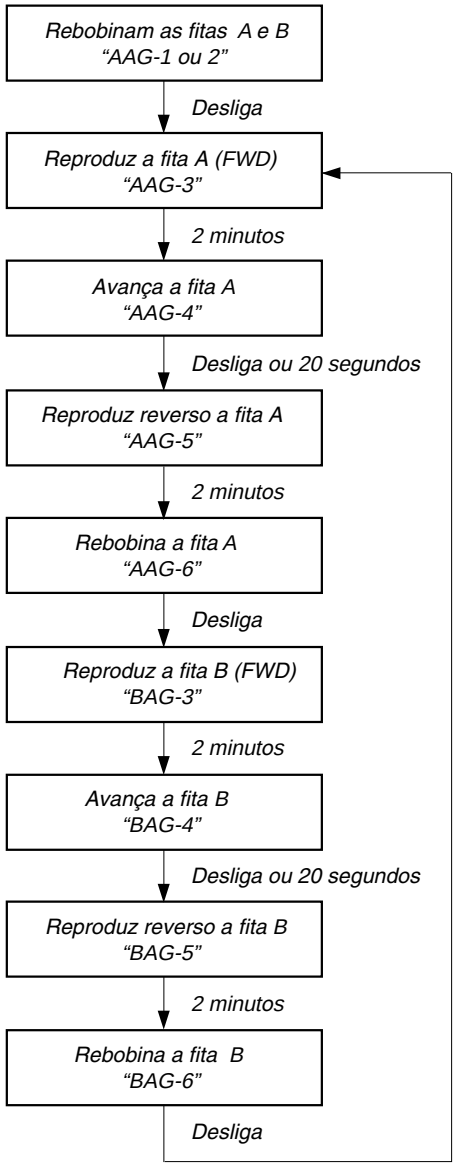
Sequência de modo de Aging (seção CD) :



3. Tape Deck Section

A sequência de operação durante modo aging é conforme abaixo.
Se ocorrer um erro, para a indicação no display desta seção

Aging mode sequence (seção toca-fitas) :



Note: "∗AG-∗" é visualizada na cada etapa.

[MODO DE TESTE GC]

• Este modo é utilizado para verificações de indicador de tubo fluorescente, LED e as chaves.

Procedimento:

1. Pressione a tecla [POWER] para ligaar o aparelho.
2. Pressione as teclas [■], [GAME EQ] e [DISC 2] simultaneamente.
3. Acendem todos os segumentos do tubo fluorescente e LEDs.
4. Pressione duas teclas [GAME EQ] e [DISC 2] simultaneamente, é selecionado o modo.
5. Em modo de verificação da chave, pressione a cada chave, é mostrado a lista de chave que foi pressionado no display.

6. Em modo de verificação da chave, “KEYCNT 0” é mostrado no visor.Cada vez que a chave “KEYCNT”é pressionada, aumenta o valor. De qualquer modo,uma vez que a chave é pressionada, não pressionar o tempo longo.
7. Em modo de verificação da entrada de fone de ouvido,conecte o fone, “H_P ON” é mostrado no visor e desconectando o fone de ouvido, é indicado no visor a mensagem “H_P OFF"

8. Em modo de verificação do volume, gire o botão [VOLUME] a indicação no visor mudam para “VOLUME UP”, “VOLUME FLAT” ou “VOLUME DOWN”

[MODO DE TESTE MC]

• Este modo é utilizado para verificação do Amplificador.

Procedimento:

1. Pressione a tecla [POWER] para ligar o aparelho.
2. Pressione as teclas [■], [GAME EQ] e [DISC 3] ssimultaneamente.
3. Quando o modo de tesc MC é ativado, a mensagem “TEST MODE” aparecerá momentaneamente no visor, a seguir o nível de VACS é mostrado no visor.

4. Pressione a tecla [MUSIC EQ], a indicação do displau muda para “GEQ MAX”, pressione a tecla [EFECT ON/OFF] a indicação do visor muda para "GEQ 16", pressione a tecla [MOVIE EQ] ,a indicação do visor muda para "GEQ MIN".

5. Gire o botão [VOLUME], a indicação do visor muda para “VOLUME MAX”, “VOLUME MID” ou “VOLUME MIN”

6. Pressione a tecla [GROOVE] , é mudado VACS ON/OFF .
7. Quando a tecla [REC PAUSE/START] é pressionado com a fita no deck-B, as função é chaveado para “MD” ou “VIDEO” e iniciará gravação. Quando [◀◀] ou [▶▶] é pressionada durante gravação, a fita é rebobinada até onde iniciou gravação, é chaveado a função para “TAPE B”, despois iniciará reprodução.

8. Quando a tecla [CD SYNC] é pressionada com a fita de teste (AMS-100, AMS-110A) no deck, é contado o número do espaço entre sinais, caso AMS-110A é colocado, é indicado “OK” no visor e caso AMS-100 colocado aparecerá indicação de “NG”

9. Para sair do modo, pressione aq tecla [POWER].

[MODO DE SERVICO DO CD]

• Este modo pode acionar o motor de sled do CD livremente. Use este modo para o momento da limpeza de unidade ótica.

Procedimento:

1. Pressione a tecla [POWER] para ligar o aparelho.
2. Pressione a tecla [CD] para selecionar “CD”.
3. Pressione as teclas [■] , [GAME EQ] e [⏏] simultaneamente.
4. Quando o modo de serviço do CD é ativado, a mensagem “TRAVERS ON” é mostrado no visor.
5. Pressione [▶▶] , a unidade ótica move-se para o lado fora e a mensagem “SLED OUT” é mostrado no visor.

6. Pressione [◀◀] ,a unidade ótica move-se para o lado dentro e a mensagem “SLED IN” é mostrado no visor.

7. Pressione a tecla [MOVIE EQ] , para alternar ON/OFF .

[CANCELAMENTO DO LIMITE DE REPETIÇÃO 5]

• O número de repetição para CD é de 5 vezes quando está no modo “REPEAT”. Este modo é utilizada para limitar vezes de repetição de reprodução do CD.

Procedimento:

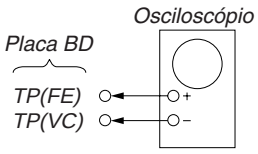
1. Pressione a tecla [POWER] para ligar o aparelho.
2. Pressione a tecla [CD] para selecionar “CD”.
3. Pressionar as teclas [■] , [GAME EQ] e [◁▷] simultaneamente.

SEÇÃO 4
AJUSTES ELÉTRICOS

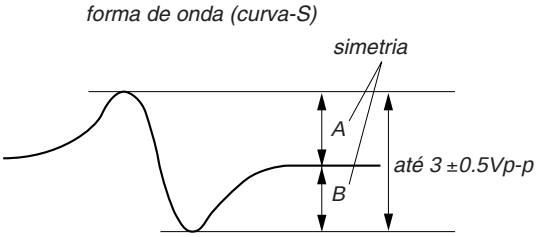
SEÇÃO CD

Note:
1. O bloco do CD é desenvolvido para operar sem ajustes. Apesar disso, ve. rifique os itens na ordem dada.
2. Use YEDS-18 (3-702-101-01) a menos que outro seja indicado.
3. Use um osciloscopio com impedancia maior que 10M ohms .
4. Limpe as lentes objetivas com detergente neutro quando o nÌvel de sinal estiver mais baixo que o especificado no teste a seguir.

VERIFICAÇÃO DA CURVA S

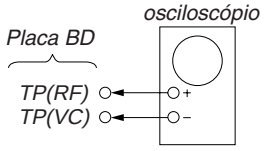


Procedure :
1. Conecte o osciloscopio ao TP (FE) e TP (VC).
2. Ligue o aparelho.
3. Insira o disco (YEDS-18) e deixe procura de foco atuar·. (Em consequencia do abre e fecha da bandeja de discos).
4. Confirme se a forma de onda no osciloscopio (S-curve) é simetrica entre A e B. E confirme o nivel pico-a-pico de até 3 ± 0.5 Vp-p.



Note:
- Tente medir varias vezes para ter certeza que a razao entre A : B ou B : A é maior que a razao de 10 : 7.
- Aumente a varredura e a iluminacao da tela do osciloscopio para obter a melhor forma de onda.

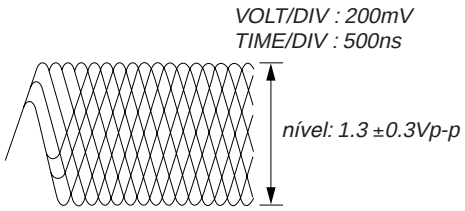
VERIFICAÇÃO DO NÍVEL DE RF



Procedimento:
1. Conecte o osciloscopio ao TP (RF) e ao TP(VC).
2. Ligue o aparelho.
3. Insira o disco (YEDS-18)) e reproduza.
4. Confirme se a forma de onda no osciloscopio é clara e se o nivel de RF esta correto ou nao.

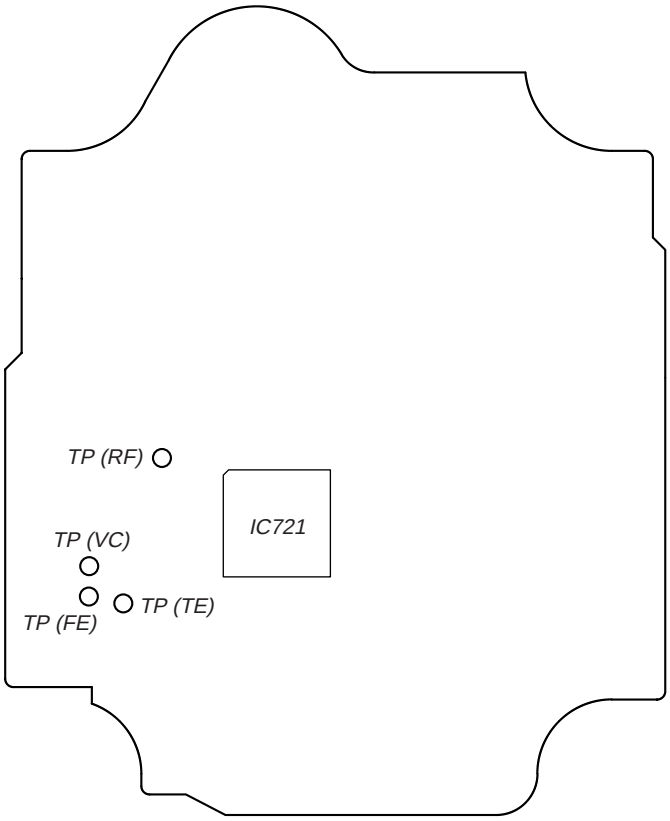
Note: Uma forma de onda clara de RF é aquela onde a forma " ◊ " pode ser claramente identificada no centro da forma de onda.

Forma de onda do sinal RF



Localização do Ajuste: Placa BD

– Placa BD (lado condutor) –



SEÇÃO 5
DIAGRAMAS

5-1. DESCRIÇÕES DOS PINOS DE IC

• IC309 BU2099FV (MULTI CONTROLLER) (PLACA PRINCIPAL)

Pin No.	Pin Name	I/O	Pin Description
1	VSS	—	Ground pin
2	NC	—	Not used. (Open)
3	DATA	I	Serial data input from the tape mechanism controller
4	CLOCK	I	Serial data transfer clock signal input from the system controller
5	LCK	I	Serial data latch pulse clock signal input from the system controller
6	$\overline{\text{REC}}$	O	Recording on/off control signal output "L": recording
7	$\overline{\text{BIAS}}$	O	Recording bias on/off control signal output "L": bias on
8	A/$\overline{\text{B}}$	O	Deck-A/B selection signal output to the deck-A/B select switch "L": deck-B, "H": deck-A
9	PB MUTE	O	Playback muting on/off control signal output to the recording/playback equalizer amplifier "H": muting on
10	$\overline{\text{REC MUTE}}$	O	Recording muting on/off control signal output to the recording/playback equalizer amplifier "L": muting on
11	TUNER MUTE	O	Tuner muting on/off control signal output to the tuner unit "H": muting on
12	LM-R (CD)	O	Loading motor drive signal output
13	LM-L (CD)	O	Loading motor drive signal output
14	TM-R (CD)	O	Table motor drive signal output
15	TM-L (CD)	O	Table motor drive signal output
16	SP RERAY	O	Front speaker on/off relay drive control signal output "L": front speaker on
17	LINK/MATRIX	O	Surround speaker on/off relay drive control signal output "H": surround speaker on
18	SO	O	Serial data output to the bass boost controller
19	$\overline{\text{OE}}$	—	Not used. (Connect to ground.)
20	VDD	—	Power supply pin (+3.3 V)

• IC310 BU2099FV (BASS BOOST CONTROLLER) (PLACA PRINCIPAL)

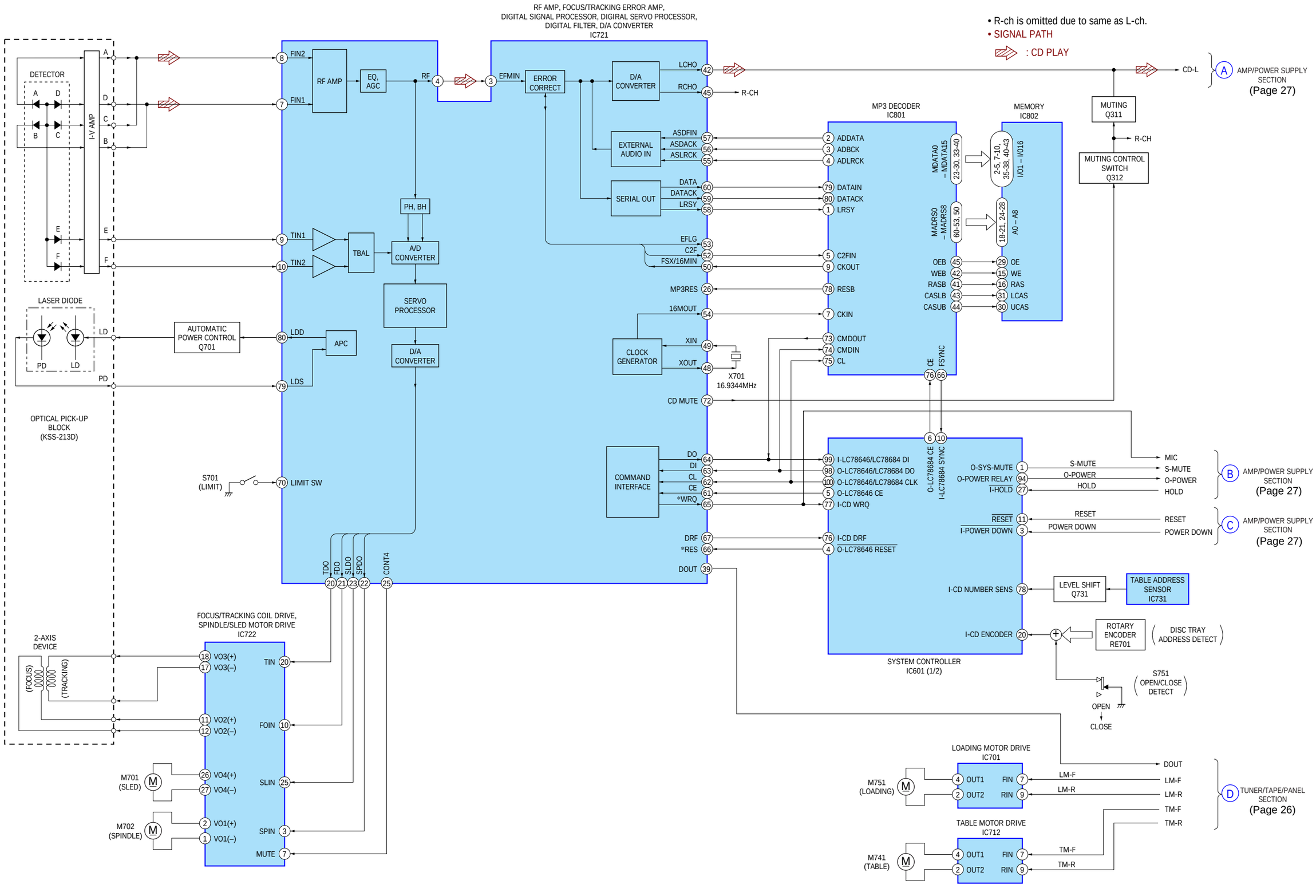
Pin No.	Pin Name	I/O	Pin Description
1	VSS	—	Ground pin
2	NC	—	Not used. (Open)
3	DATA	I	Serial data input from the multi controller
4	CLOCK	I	Serial data transfer clock signal input from the system controller
5	LCK	I	Serial data latch pulse clock signal input from the system controller
6 to 8	NC	—	Not used. (Open)
9	MOTOR VCC	O	Motor power control signal output “L”: motor power on
10	SOL A	O	SOL-A control signal output
11	SOL B	O	SOL-B control signal output
12	LINE OUT MUTE	O	Line out mute signal output terminal “H”: mute on
13	CD MUTE	O	CD mute signal output terminal “H”: mute on
14 to 16	CONT 1 to 3	O	Bass boost control signal output “H”: bass boost
17	NC	—	Not used. (Open)
18	SO	O	Serial data output Not used. (Open)
19	$\overline{OE}$	—	Not used. (Connect to ground.)
20	VDD	—	Power supply pin (+3.3 V)

• IC601 LC876696B-51Y1-E (SYSTEM CONTROL, FLD CONTROL) (PLACA PAINEL)

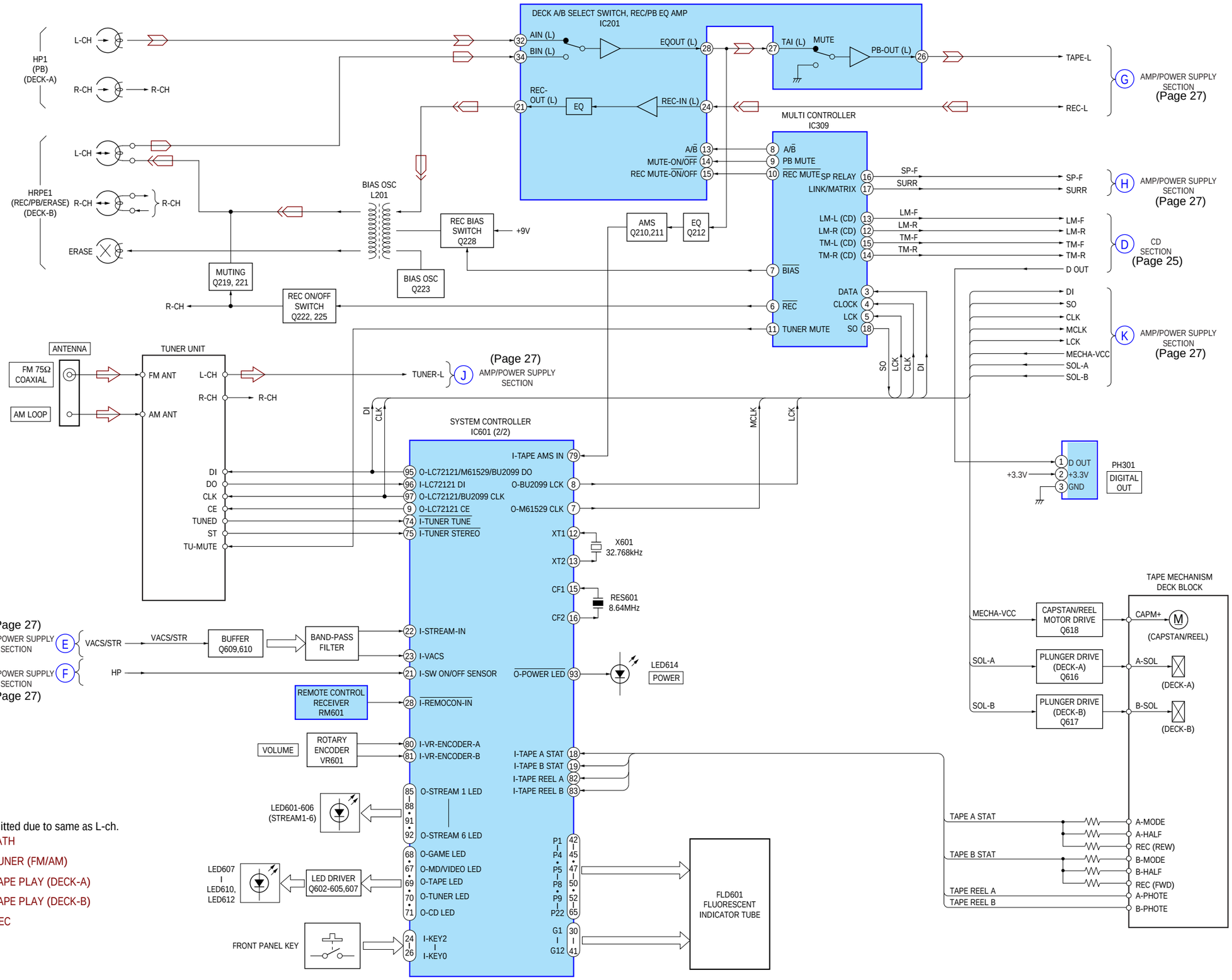
Pin No.	Pin Name	I/O	Pin Description
1	SYS MUTE	O	System mute signal output
2	BU1924 DATA	I	Not used in this set. (Connected to ground.)
3	PWR DOWN	I	Power down signal input
4	LC78646 RESET	O	CD reset signal output
5	LC78646 CE	O	CD CE signal output
6	LC78684 CE (MP3)	O	CD CE (MP3) signal output
7	M61519 CLK	O	Clock signal output
8	BU2099FV LCK	O	LCK signal output
9	LC72121 CE	O	CE signal output
10	LC78684 SYNC	I	SYNC signal input
11	RESET	I	Reset signal input from the IC603
12	XT1	I	Oscillater connect pin (32.768 kHz)
13	XT2	O	Oscillater connect pin (32.768 kHz)
14	VSS1	—	Ground pin
15	CF1	I	Ceramic vibrator connect pin (8.64 MHz)
16	CF2	O	Ceramic vibrator connect pin (8.64 MHz)
17	VDD1	—	Power supply pin (+3.3 V)
18	TAPE A STAT	I	Tape A start signal input
19	TAPE B STAT	I	Tape B start signal input
20	CD ENCODER	I	CD encoder switch signal input
21	SW ON/OFF SENSOR	I	Switch control on/off signal input
22	STREAM IN	I	Stream in signal input
23	VACS	I	VACS signal input
24	KEY2	I	Key signal input 2
25	KEY1	I	Key signal input 1
26	KEY0	I	Key signal input 0
27	PROTECTOR (HOLD)	I	Protector (Hold) signal input
28	REMOCON IN	I	Remote control signal input from the RM601
29	BU1924 CLK	I	Not used in this set. (Connected to ground.)
30 – 41	G12 – G1	O	FLD control signal output
42 – 45	P1 – P4	O	FLD control signal output
46	VDD3	—	Power supply pin (+3.3 V)
47 – 50	P5 – P8	O	FLD control signal output
51	VPP	—	Ground pin
52 – 55	P9 – P12	O	FLD control signal output
56	SW1 (a) P13	O	FLD control signal output
57	SW2 (b) P14	O	FLD control signal output
58	SW3 (c) P15	O	FLD control signal output
59	SW4 (d) P16	O	FLD control signal output
60	SW5 P17	O	FLD control signal output
61	SW6 P18	O	FLD control signal output
62	SW7 P19	O	FLD control signal output
63	SW8 P20	O	FLD control signal output
64, 65	P21, P22	O	FLD control signal output
66	ENTER LED	O	Not used in this set. (Open)
67	MD/VIDEO LED	O	GAME LED (LED610) drive signal output
68	GAME LED	O	MD/VIDEO LED (LED612) drive signal output
69	TAPE LED	O	TAPE A/B LED (LED609) drive signal output
70	TUNER LED	O	TUNER/BAND LED (LED608) drive signal output
71	CD LED	O	CD LED (LED607) drive signal output
72	VDD4	—	Power supply pin (+3.3 V)
73	CD VDD	O	CD power control signal output

Pin No.	Pin Name	I/O	Pin Description
74	TUNER TUNED	I	Tuner tuning signal input from the tuner unit
75	TUNER STEREO	I	Tuner stereo signal input from the tuner unit
76	CD DRF	I	CD DRF signal input
77	CD WRQ	I	CD WRQ signal input
78	CD NUMBER SENSOR	I	CD number sensor signal input
79	TAPE AMS IN	I	Tape AMS signal input
80	VR ENCODER A	I	VR encoder (VR601) signal input
81	VR ENCODER B	I	VR encoder (VR601) signal input
82	TAPE REEL A	I	Tape reel A signal input
83	TAPE REEL B	I	Tape reel B signal input
84	MODE SW IN	I	Mode switch signal input
85	STREAM 1 LED	O	Stream LED drive signal output
86	STREAM 2 LED/CD MUTE	O	Stream LED drive signal output
87	STREAM 3 LED	O	Stream LED drive signal output
88	STREAM 4 LED/ MECHA VCC	O	Stream LED drive signal output
89	VSS2	—	Ground pin
90	VDD2	—	Power supply pin (+3.3 V)
91	STREAM 5 LED/ TAPE SOL A	O	Stream LED drive signal output
92	STREAM 6 LED/ TAPE SOL B	O	Stream LED drive signal output
93	POWER LED	O	POWER LED (LED614) drive signal output
94	POWER RELAY	O	Power relay signal output
95	LC72121/M61529/ BU2099FV DO	O	Serial data signal output
96	LC72121 DI	I	Serial data signal input
97	LC72121/BU2099FV CLK	O	Serial clock signal output
98	LC78646/LC78684 DO	O	Serial data signal output
99	LC78646/LC78684 DI	I	Serial data signal input
100	LC78646/LC78684 CLK	O	Serial clock signal output

5-2. DIAGRAMA EM BLOCO — SEÇÃO CD —

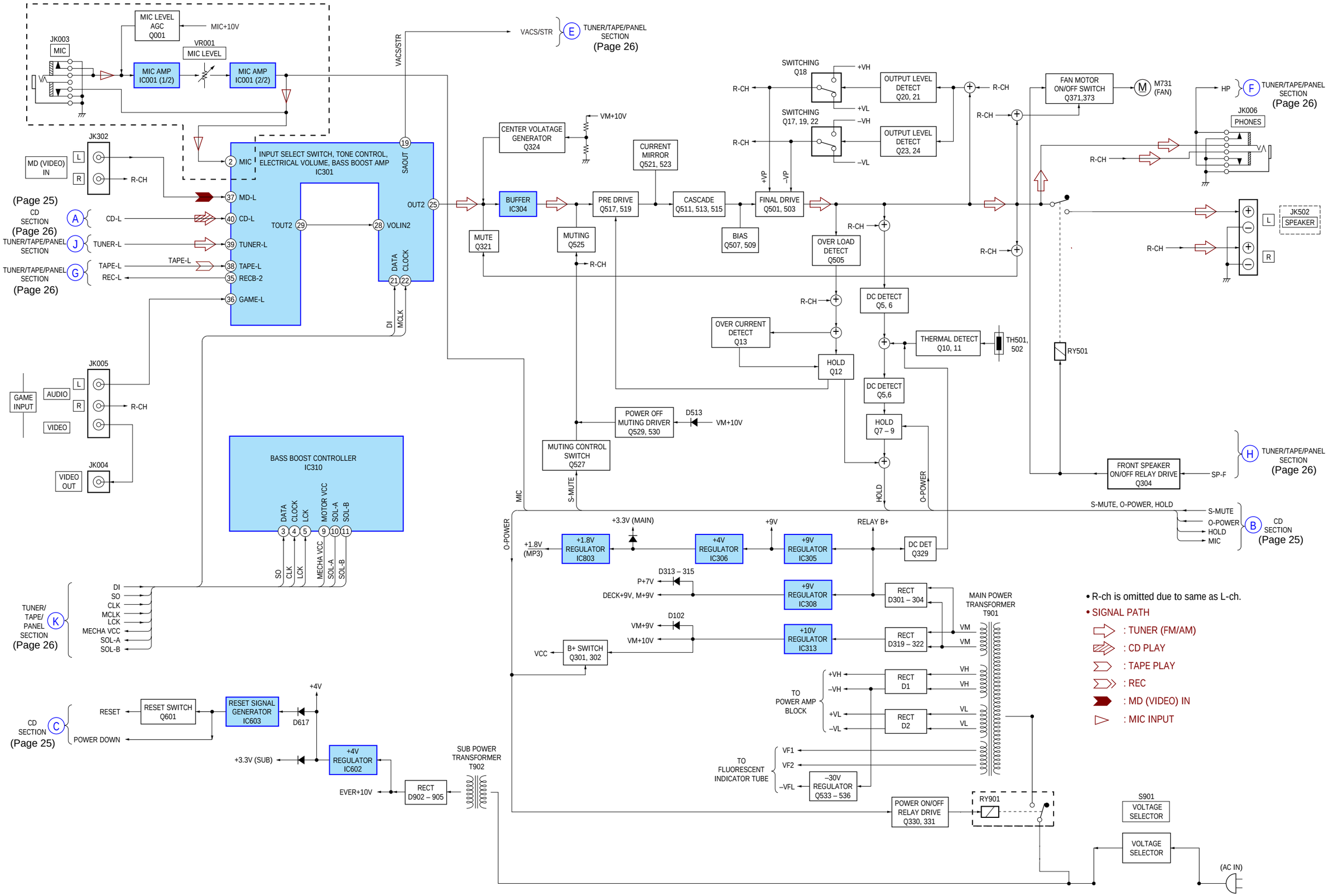


5-3. DIAGRAMA EM BLOCO — SEÇÃO TUNER/TAPE/PANEL —

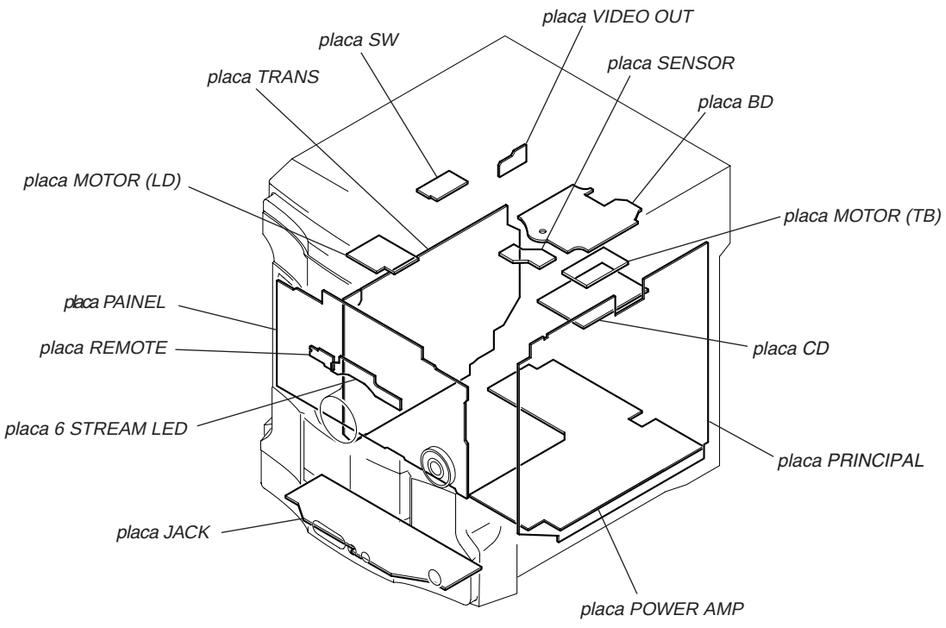


• R-ch is omitted due to same as L-ch.
• SIGNAL PATH
: TUNER (FM/AM)
: TAPE PLAY (DECK-A)
: TAPE PLAY (DECK-B)
: REC

5-4. DIAGRAMA EM BLOCO — SEÇÃO AMP/POWER SUPPLY —



5-5. LOCALIZAÇÃO DAS PLACAS

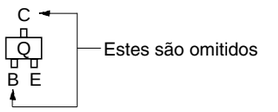


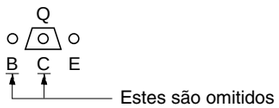
5-6. NOTA PARA PLACAS DE CIRCUITO IMPRESSO E DIAGRAMAS ESQUEMÁTICOS

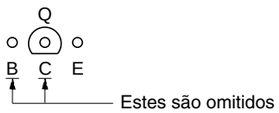
Notas para placas de circuito impresso:

- ○——— : peças extraídas do lado componente
- ——— : peç as extraí das do lado condutor
- ▬ : padrão da camada que é vista
  (Os outros padrõ es de camada nã o sã o indicados.)

- Indicaçã o dos transistores







Nota nos diagramas esquemáticos

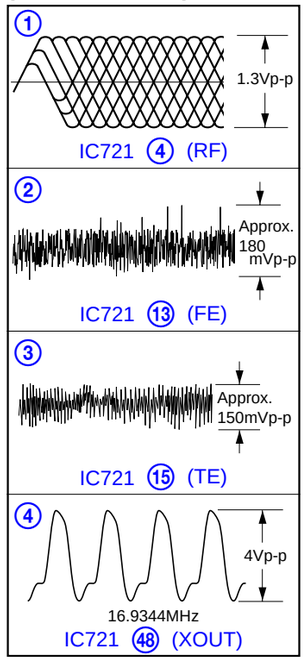
- Todos os capacitores estão em µF a menos que especificados. pF: µµF 50 WV ou menores não são indicados, exceto para os eletrolíticos e os de tântalo.
- Todos os resistores estão em Ω e 1/4 W a menos que especificados diferentemente.
- : resistor anti-chama.
- : designacao o do painel

Note: Os componentes identificados com a marca ⚠ são criíticos para a segurança. Somente os substitua por peças numericamente identificadas nesse manual.

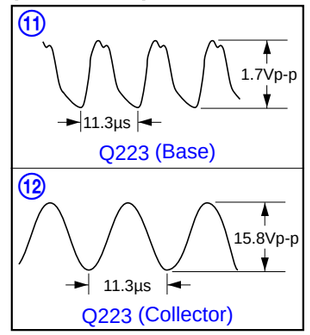
- ▬▬ : linha B+
- ▬ ▬ ▬ : linha B–
- Voltagens e formas de onda está o em DC, com relaç ã o ao terra, em condi ã o de ausê ncia de sinal.
  sem indicaç ã o : FM
  ( ) : CD PLAY
  [ ] : TAPE PLAY (DECK-A)
  { } : TAPE PLAY (DECK-B)
  〈〈 〉〉 : REC
  ✻ : Impossible to measure
- Tens õe são obtidas comVOM (impedância de entrada 10 M.). Variações de tensão são verificadas dentro de uma faixa de tolerância;
- Formas de onda são obtidas com um osciloscópio. Variações de tensão são verificadas dentro de uma faixa de tolerância;
- Números circulados referem-se a formas de onda.
- Simbologia
  : TUNER (FM/AM)
  : CD PLAY
  : TAPE PLAY (DECK-A)
  : TAPE PLAY (DECK-B)
  : REC
  : MD (VIDEO) IN
  : MIC INPUT

5-7. FORMAS DE ONDAS

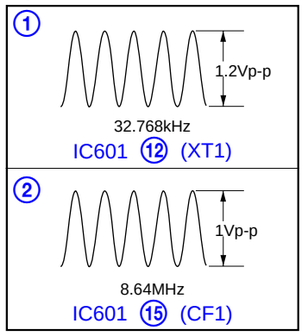
– placa BD –
(modo CD PLAY)



– placa PRINCIPAL –
(modo REC)

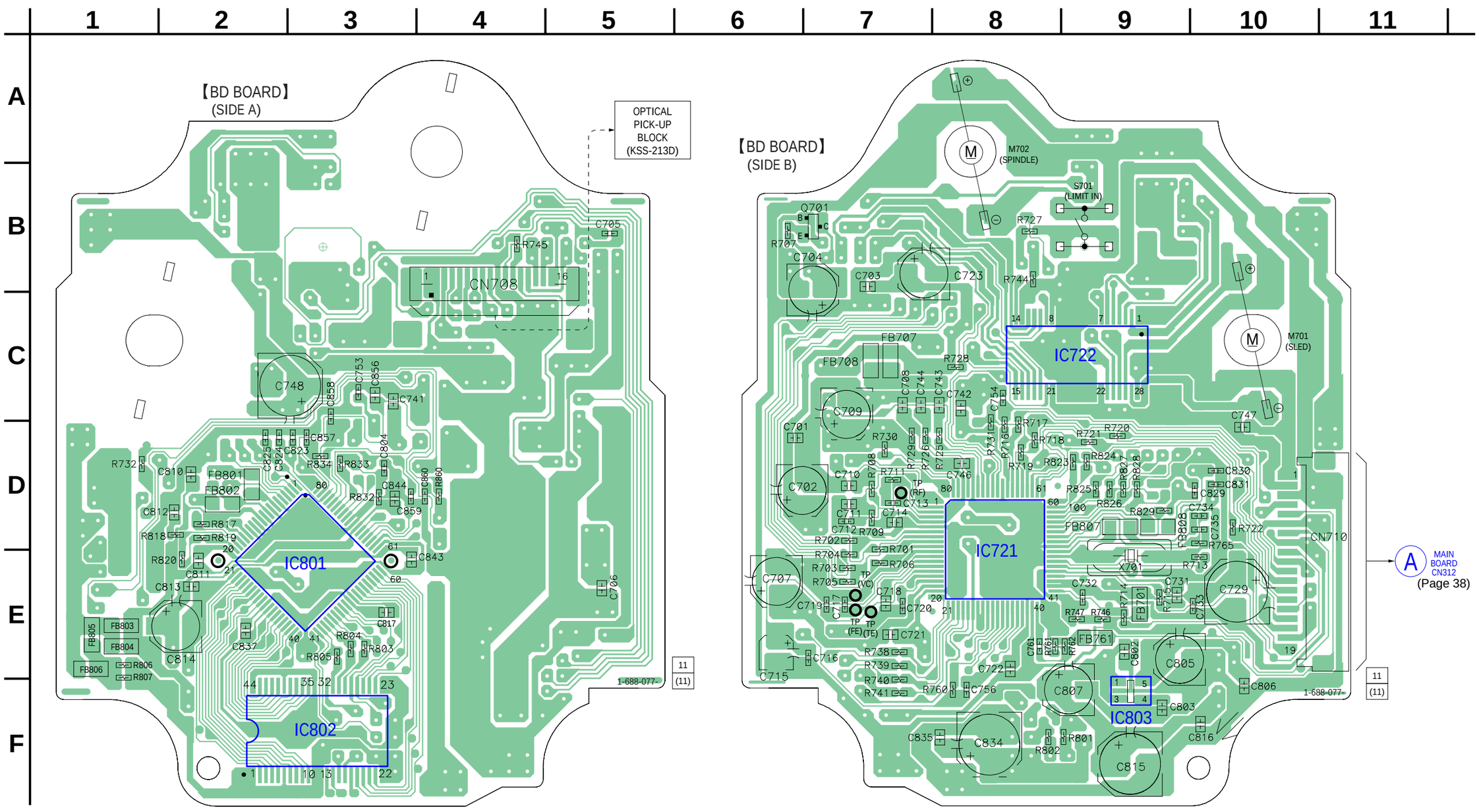


– placa PAINEL –



5-8. PLACA DE CIRCUITO IMPRESSO — SEÇÃO MECANISMO DO CD (1/2) —

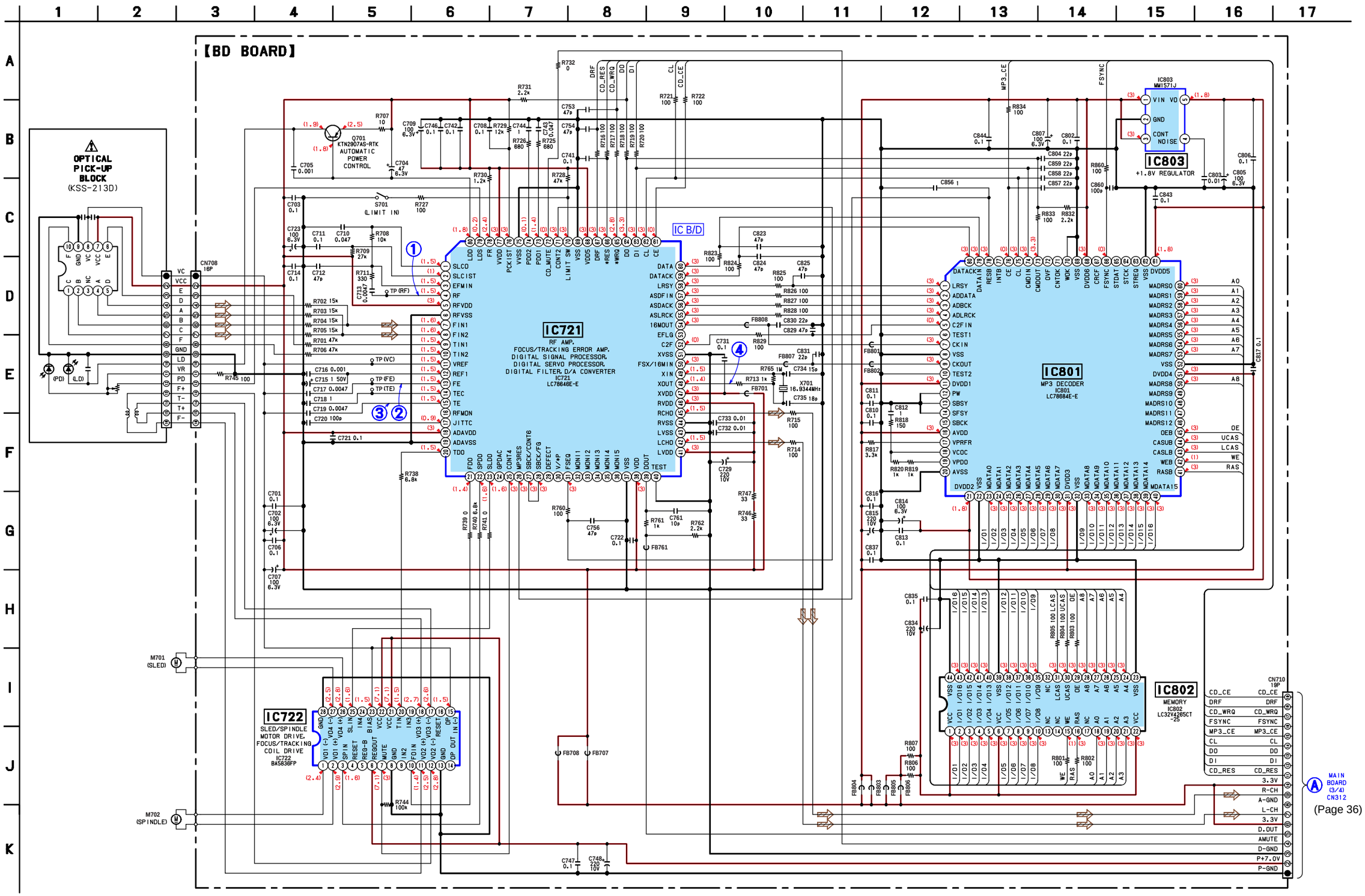
: Uses unleaded solder.



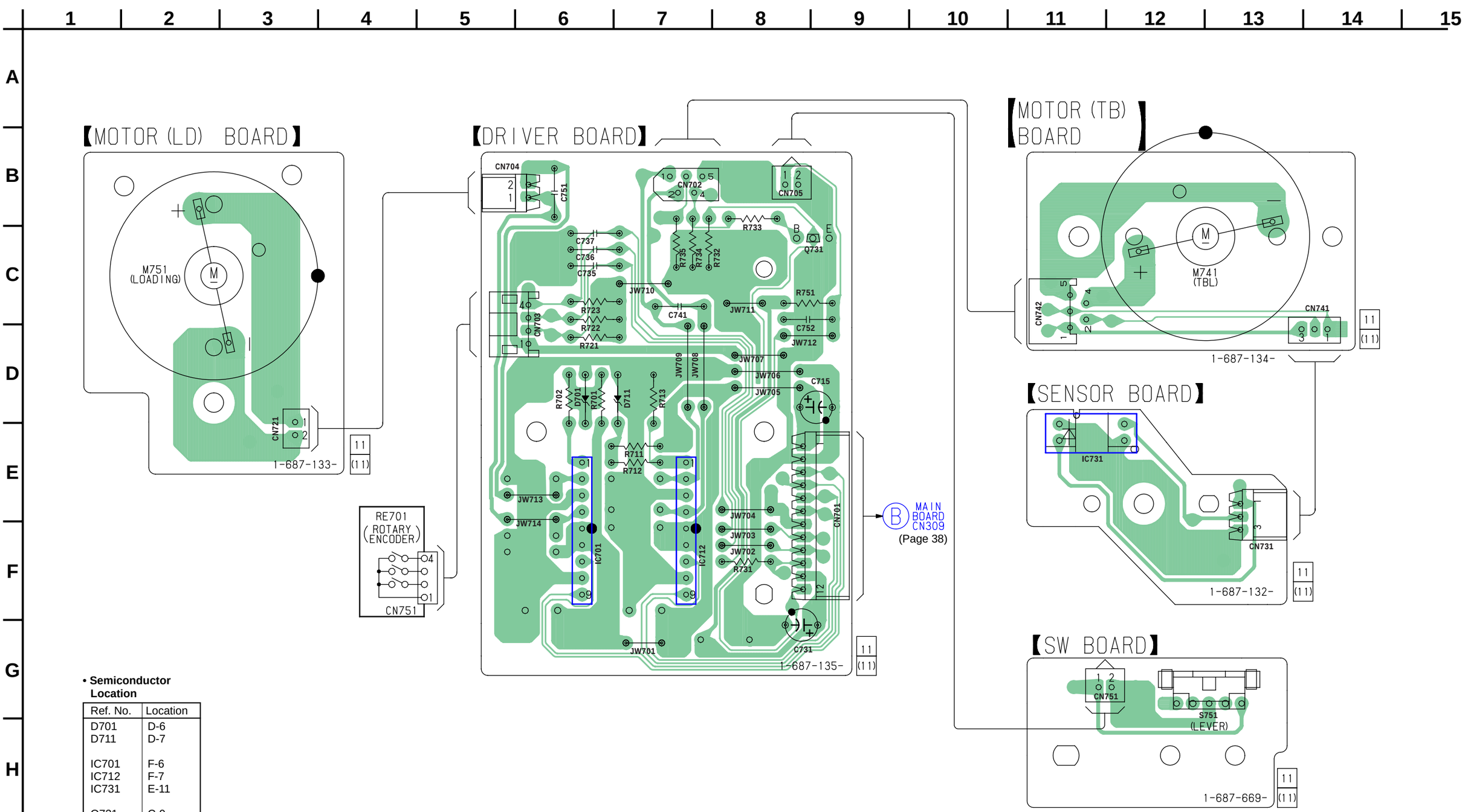
• **Semiconductor Location**

Ref. No.	Location
IC721	E-8
IC722	C-9
IC801	E-3
IC802	F-3
IC803	F-9
Q701	B-7

5-9. DIAGRAMA ESQUEMÁTICO — SEÇÃO MECANISMO DO CD (1/2) —



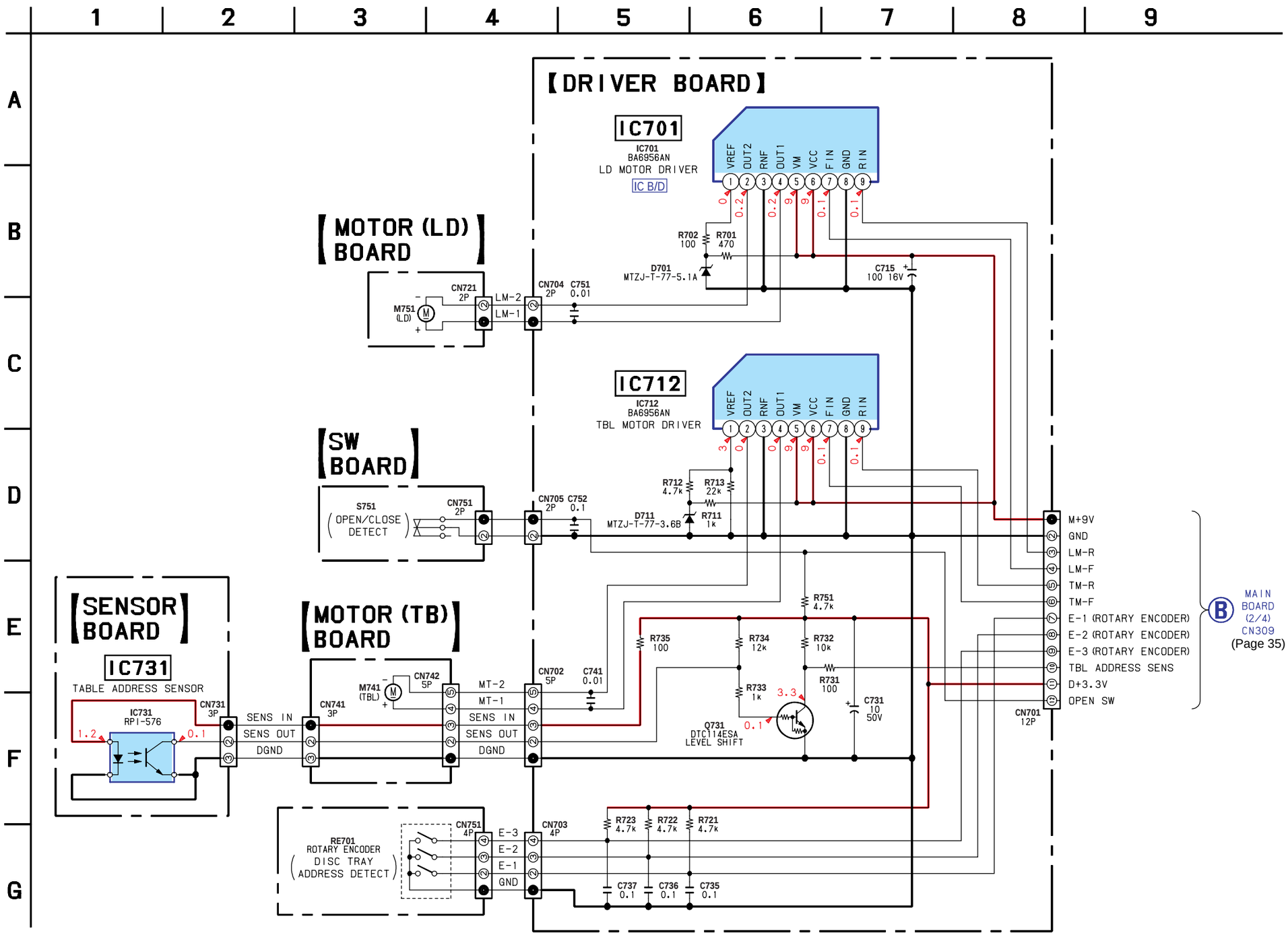
5-10. PLACAS DE CIRCUITO IMPRESSO — SEÇÃO MECANISMO DE CD (2/2) —



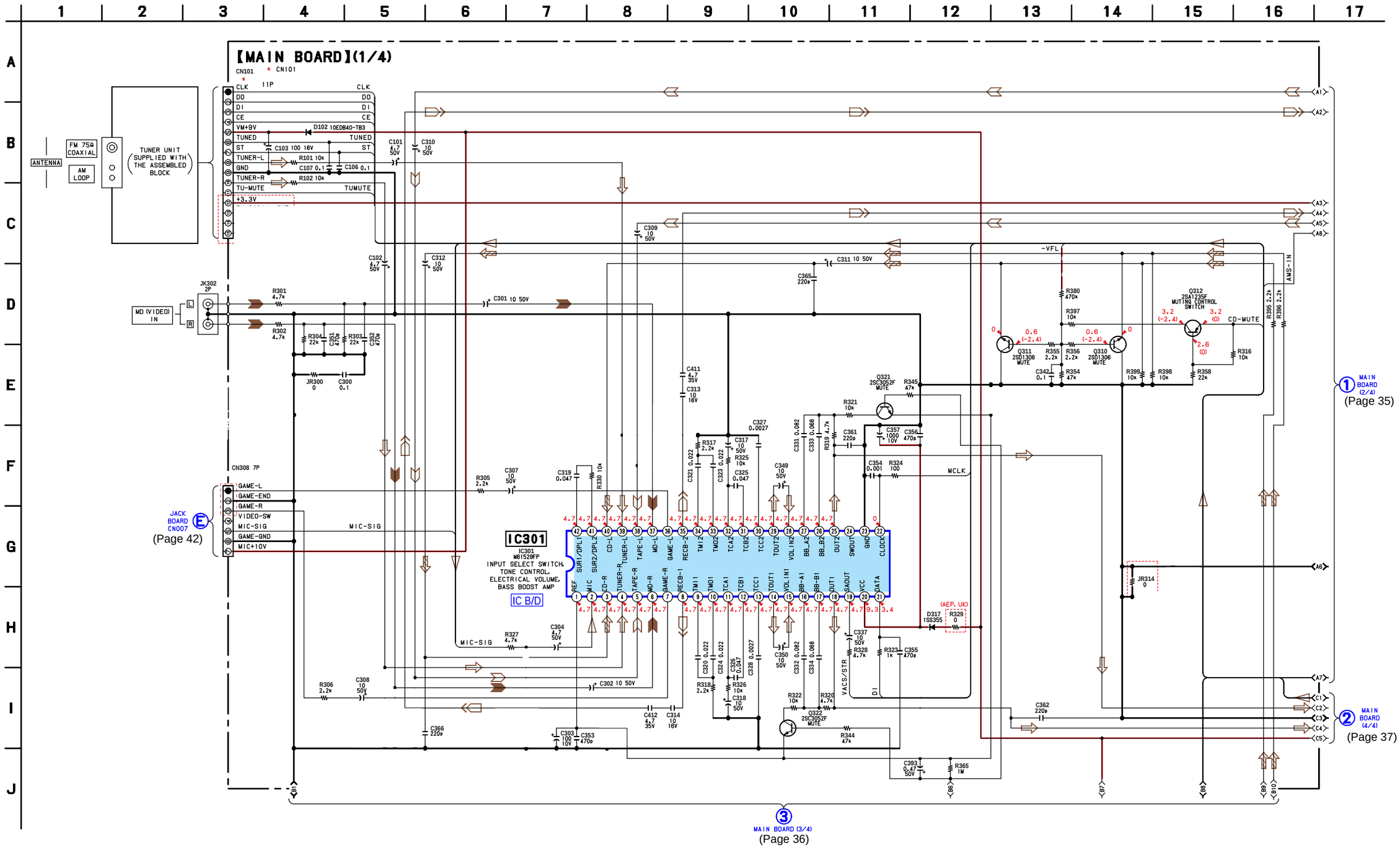
- **Semiconductor Location**

Ref. No.	Location
D701	D-6
D711	D-7
IC701	F-6
IC712	F-7
IC731	E-11
Q731	C-9

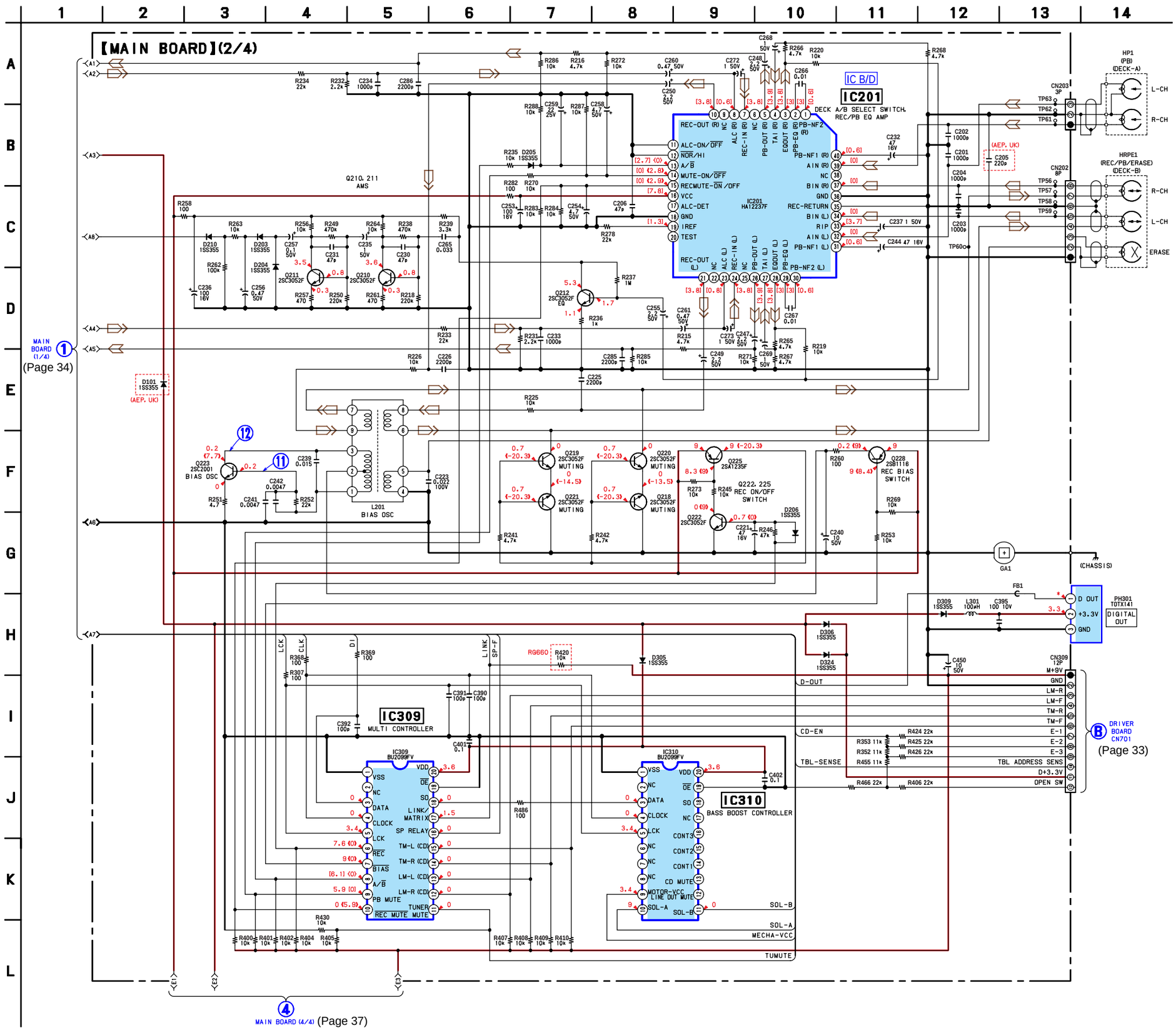
5-11. DIAGRAMA ESQUEMÁTICO — MECANISMO DO CD (2/2) —



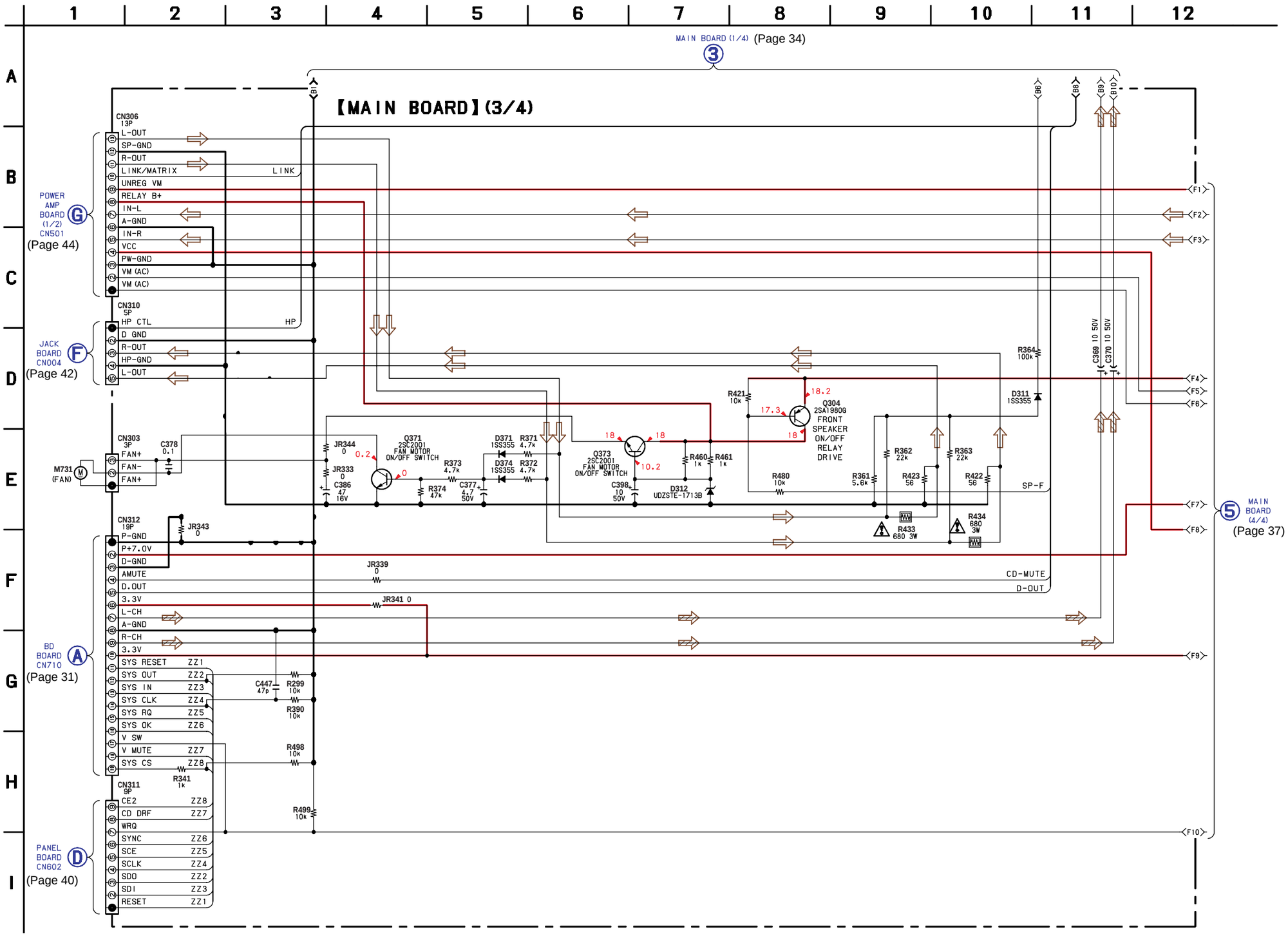
5-12. DIAGRAMA ESQUEMÁTICO — SEÇO PRINCIPAL (1/4) —



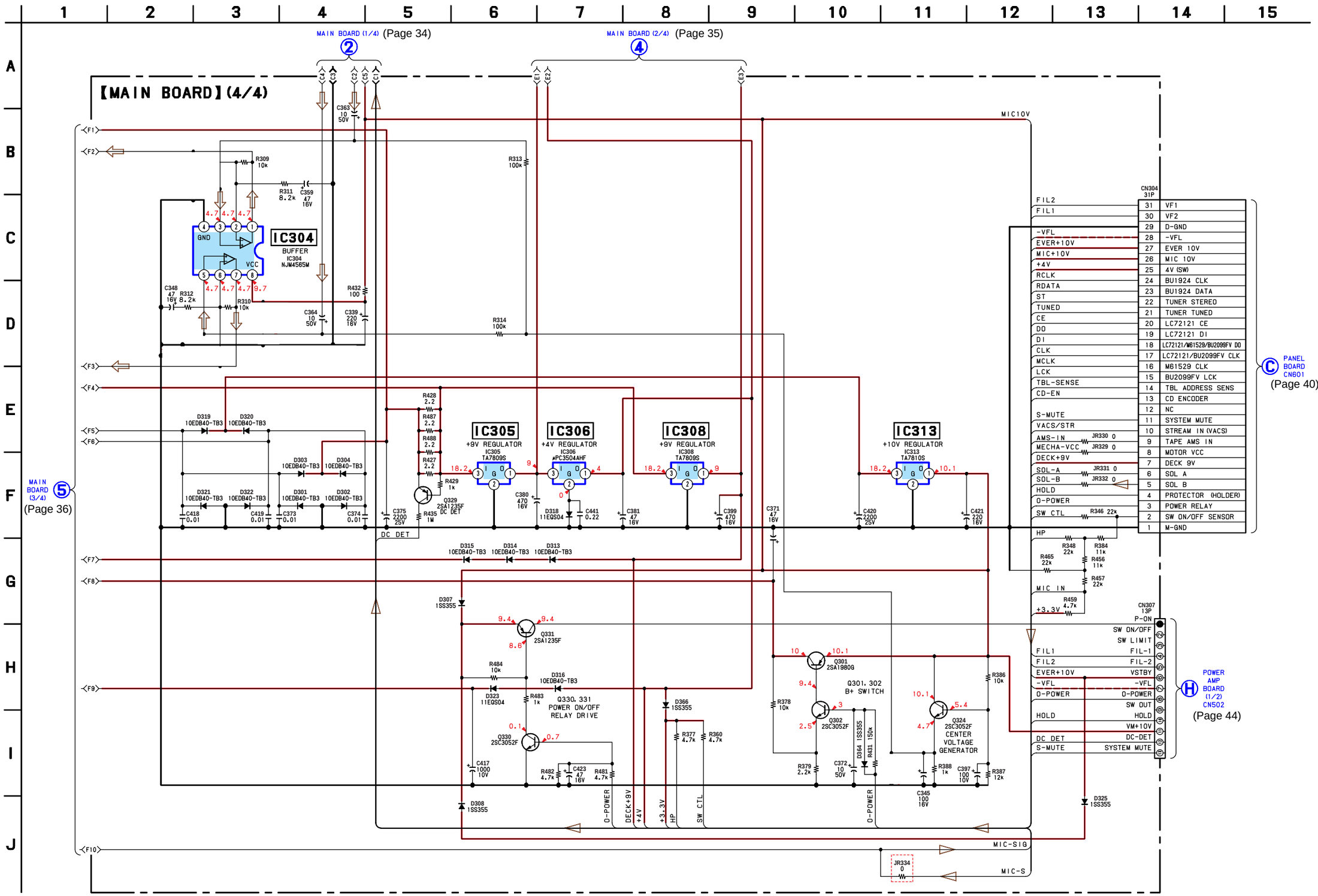
5-13. DIAGRAMA ESQUEMÁTICO —SEÇÃO PRINCIPAL (2/4) —



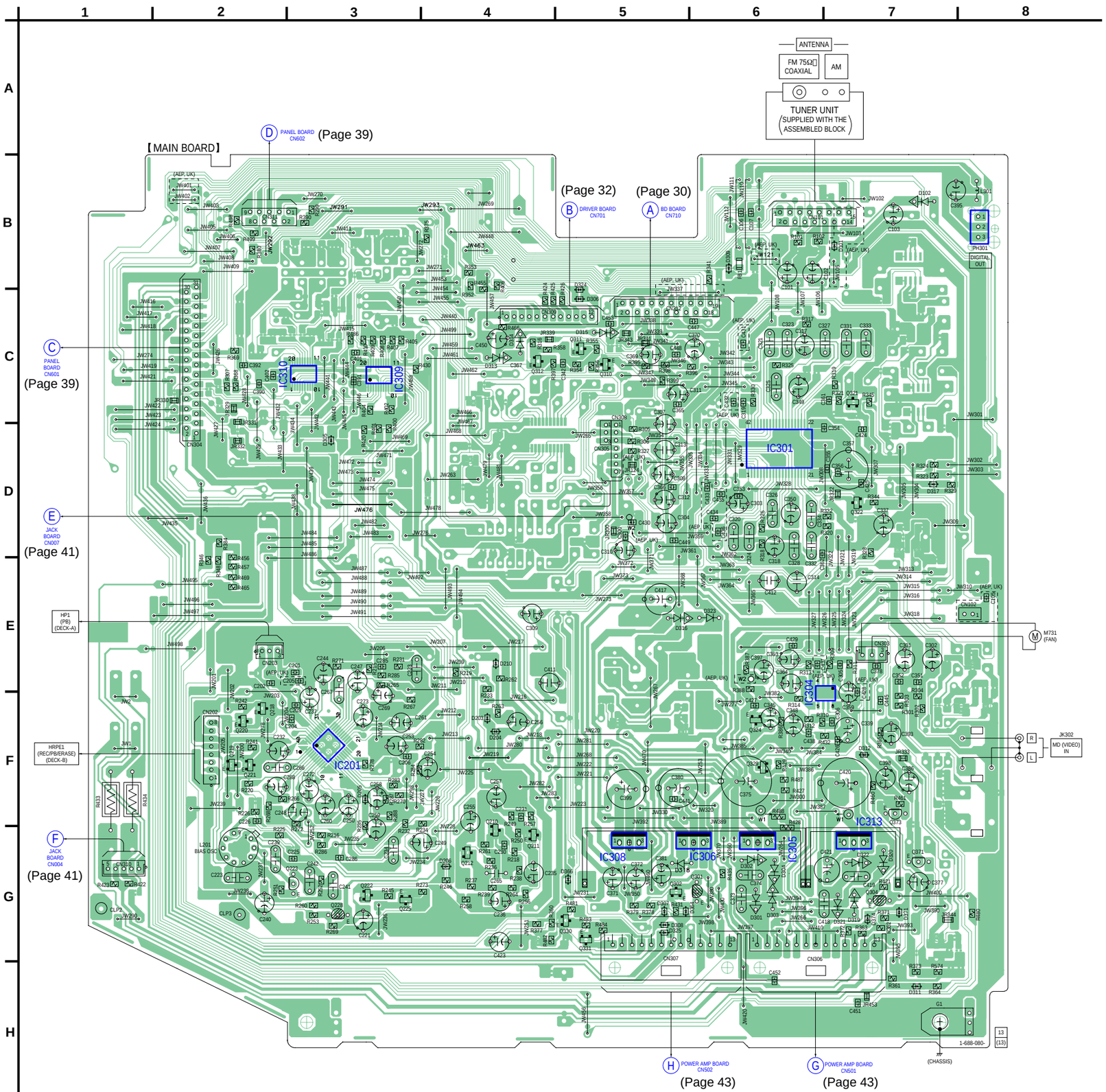
5-14. DIAGRAMA ESQUEMÁTICO —SEÇÃO PRINCIPAL (3/4) —



5-15. DIAGRAMA ESQUEMÁTICO —SEÇÃO PRINCIPAL (4/4) —



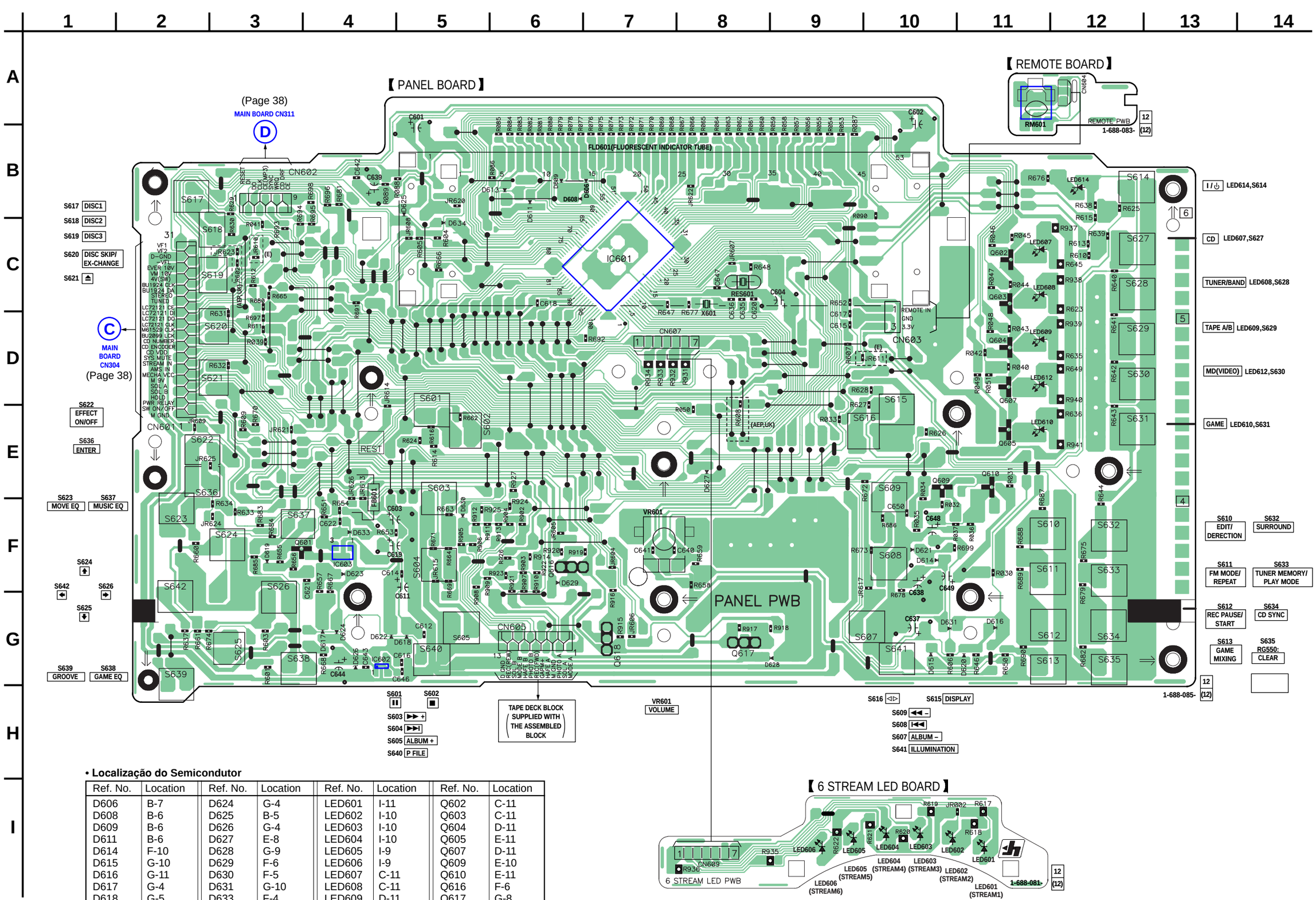
5-16. PLACA DE CIRCUITO IMPRESSO — SEÇÃO PRINCIPAL —



- **Localização do Semicondutor**

Ref. No.	Location
D101	B-7
D102	B-7
D203	F-4
D204	F-4
D205	F-3
D206	G-4
D210	E-4
D301	G-6
D302	G-6
D303	G-6
D304	G-6
D305	D-3
D306	C-5
D307	G-5
D308	G-5
D309	B-6
D311	H-7
D312	F-7
D313	C-4
D314	C-4
D315	C-5
D316	E-5
D317	D-7
D318	G-5
D319	G-7
D320	G-7
D321	G-7
D322	G-7
D323	E-6
D324	C-5
D325	G-5
D364	G-5
D366	G-5
D371	G-7
D374	G-7
IC201	F-3
IC301	D-6
IC304	F-6
IC305	G-6
IC306	G-6
IC308	G-5
IC309	C-3
IC310	C-3
IC313	G-7
PH301	B-8
Q210	G-4
Q211	G-4
Q212	G-4
Q218	F-2
Q219	F-2
Q220	F-2
Q221	F-2
Q222	G-3
Q223	G-3
Q225	G-3
Q228	G-3
Q301	G-6
Q302	G-5
Q304	G-7
Q310	C-5
Q311	C-5
Q312	C-4
Q321	C-7
Q322	D-7
Q324	F-6
Q329	F-6
Q330	G-5
Q331	G-5
Q371	G-7
Q373	F-7

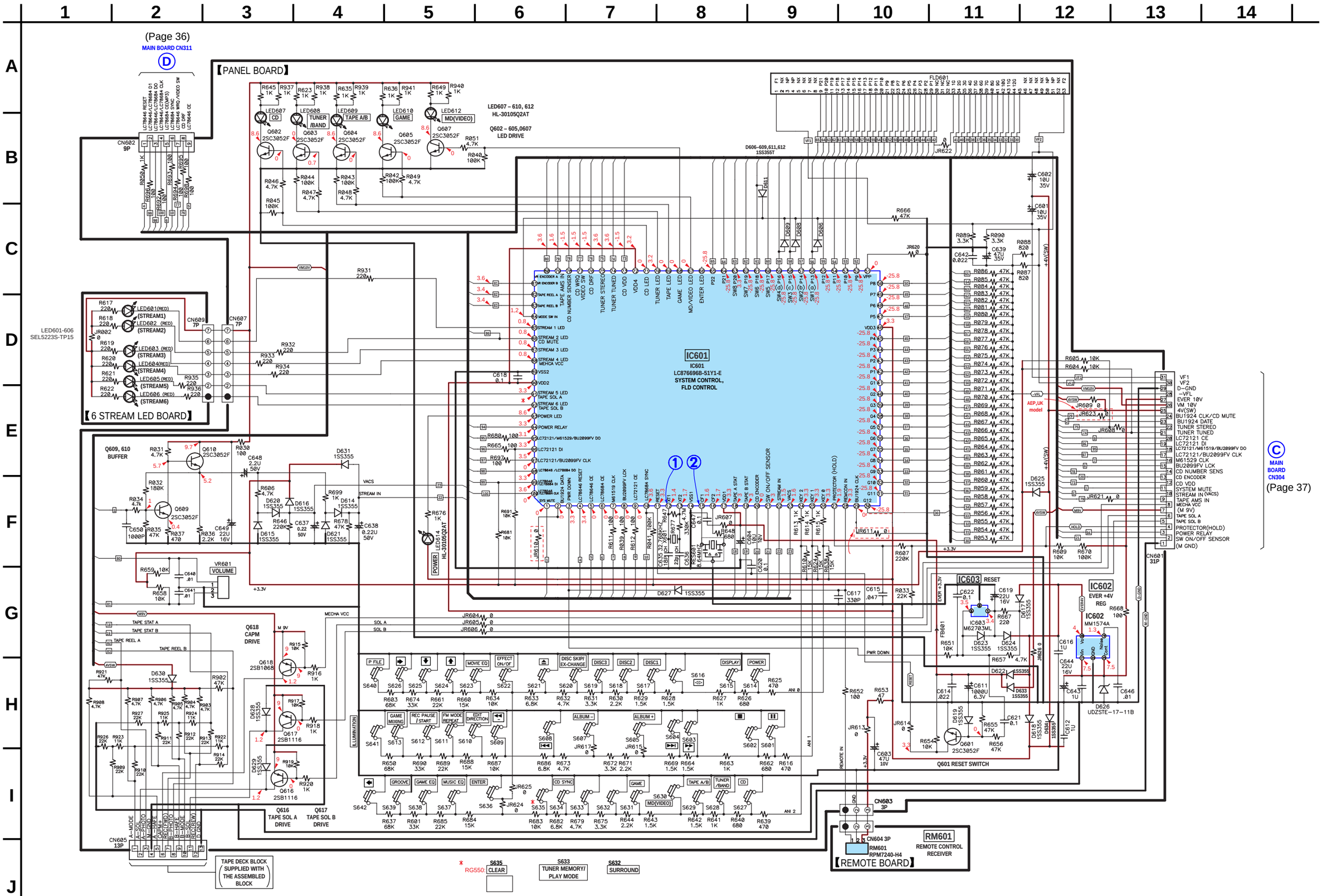
5-17. PLACA DE CIRCUITO IMPRESSO — SEÇÃO PAINEL — •



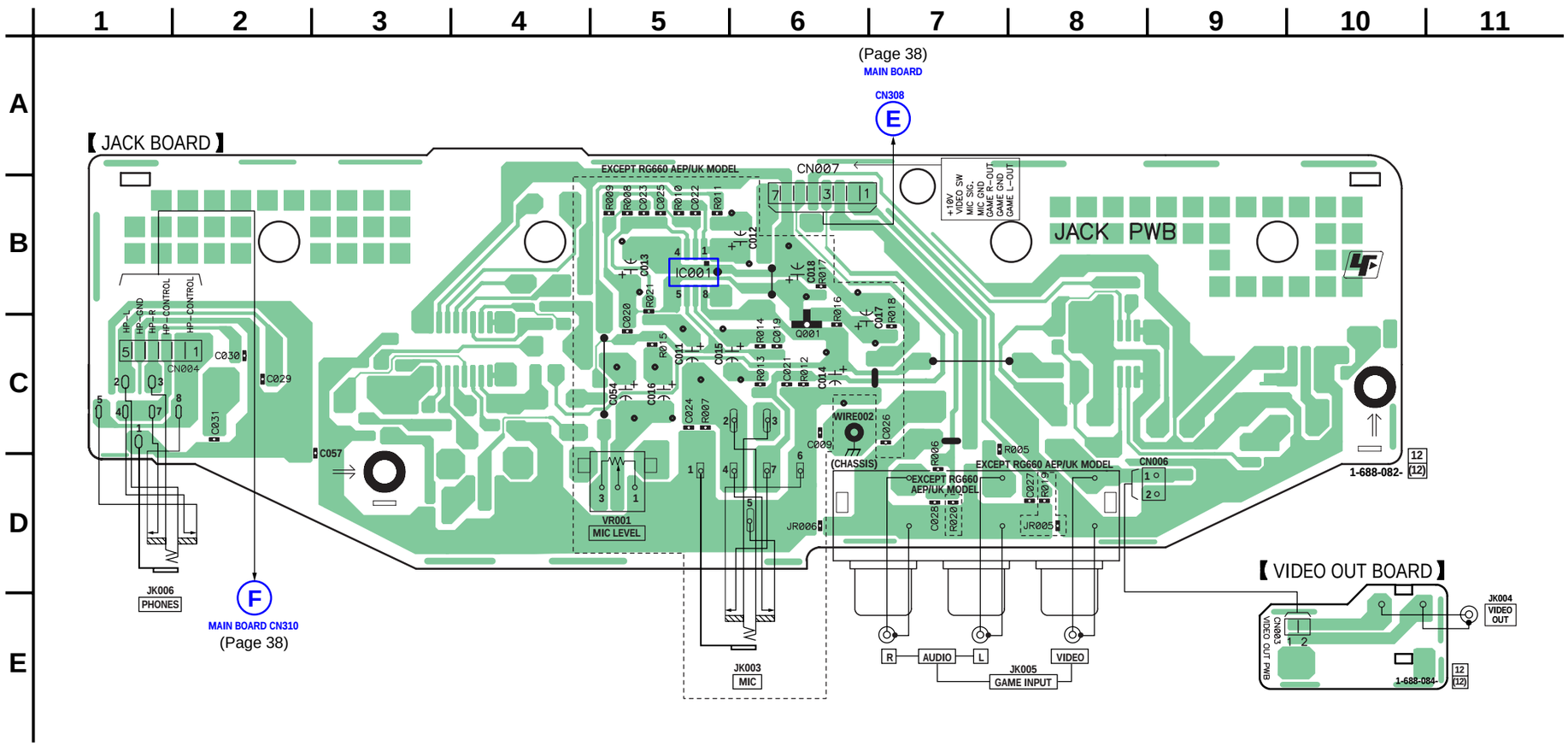
• **Localização do Semicondutor**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D606	B-7	D624	G-4	LED601	I-11	Q602	C-11
D608	B-6	D625	B-5	LED602	I-10	Q603	C-11
D609	B-6	D626	G-4	LED603	I-10	Q604	D-11
D611	B-6	D627	E-8	LED604	I-10	Q605	E-11
D614	F-10	D628	G-9	LED605	I-9	Q607	D-11
D615	G-10	D629	F-6	LED606	I-9	Q609	E-10
D616	G-11	D630	F-5	LED607	C-11	Q610	E-11
D617	G-4	D631	G-10	LED608	C-11	Q616	F-6
D618	G-5	D633	F-4	LED609	D-11	Q617	G-8
D619	F-3	D634	C-5	LED610	E-11	Q618	G-7
D620	G-11			LED612	D-11		
D621	F-10	IC601	C-7	LED614	B-12	RM601	A-11
D622	G-4	IC602	G-4				
D623	F-4	IC603	F-4	Q601	F-3		

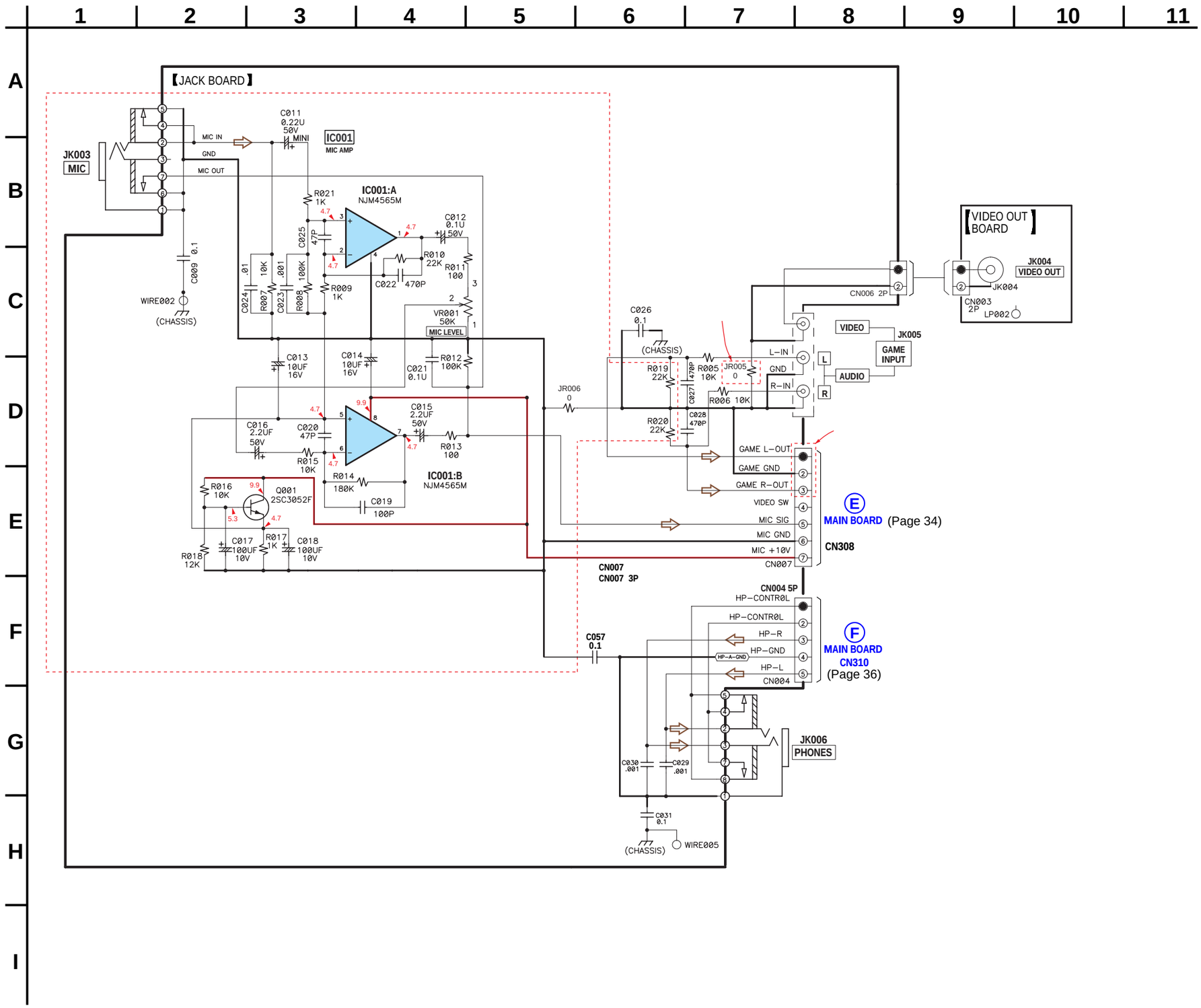
5-18. DIAGRAMA ESQUEMÁTICO— SEÇÃO PAINEL —



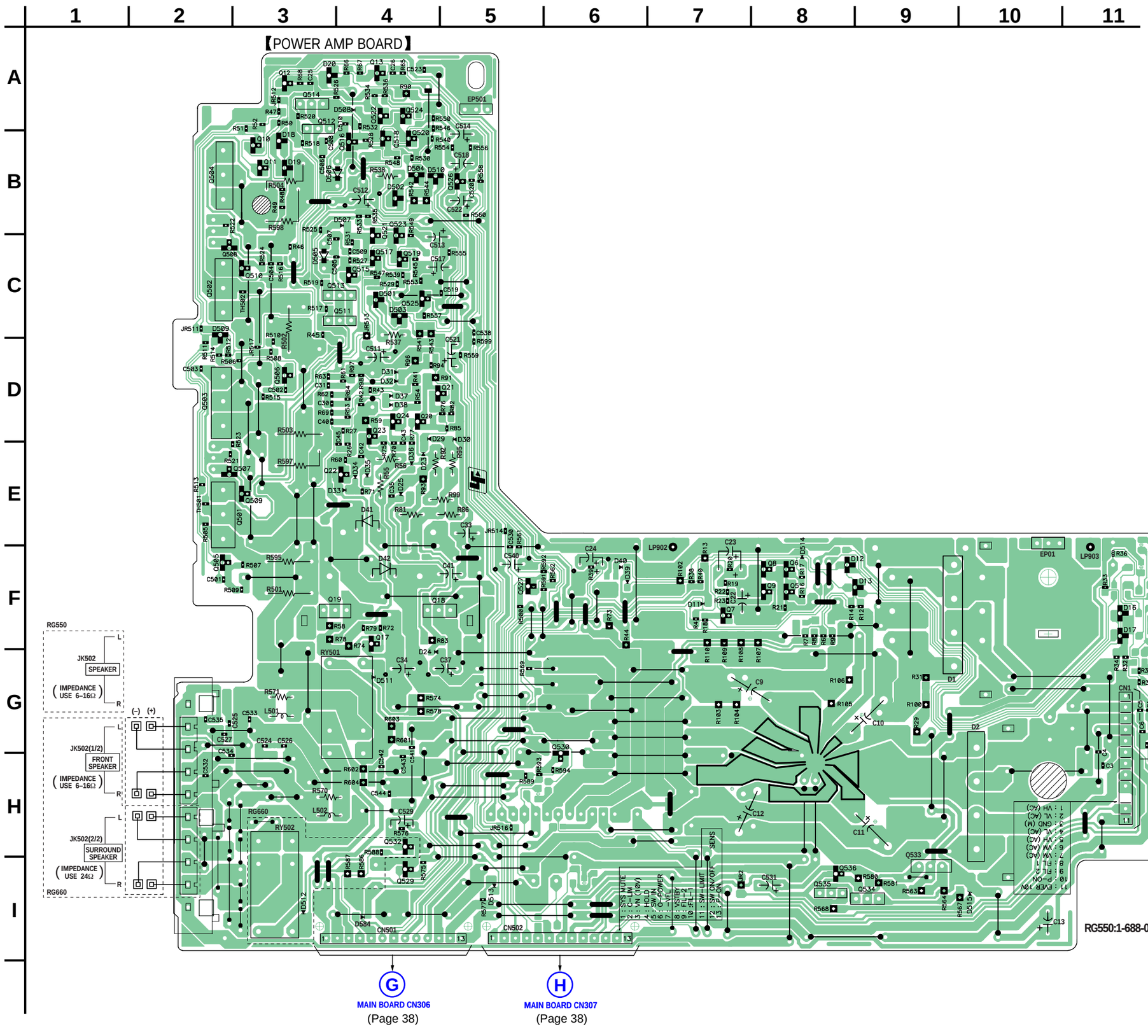
5-19. PLACAS DE CIRCUITO IMPRESSO — SEÇÃO JACK —



5-20. DIAGRAMA ESQUEMÁTICO — SEÇÃO JACK —



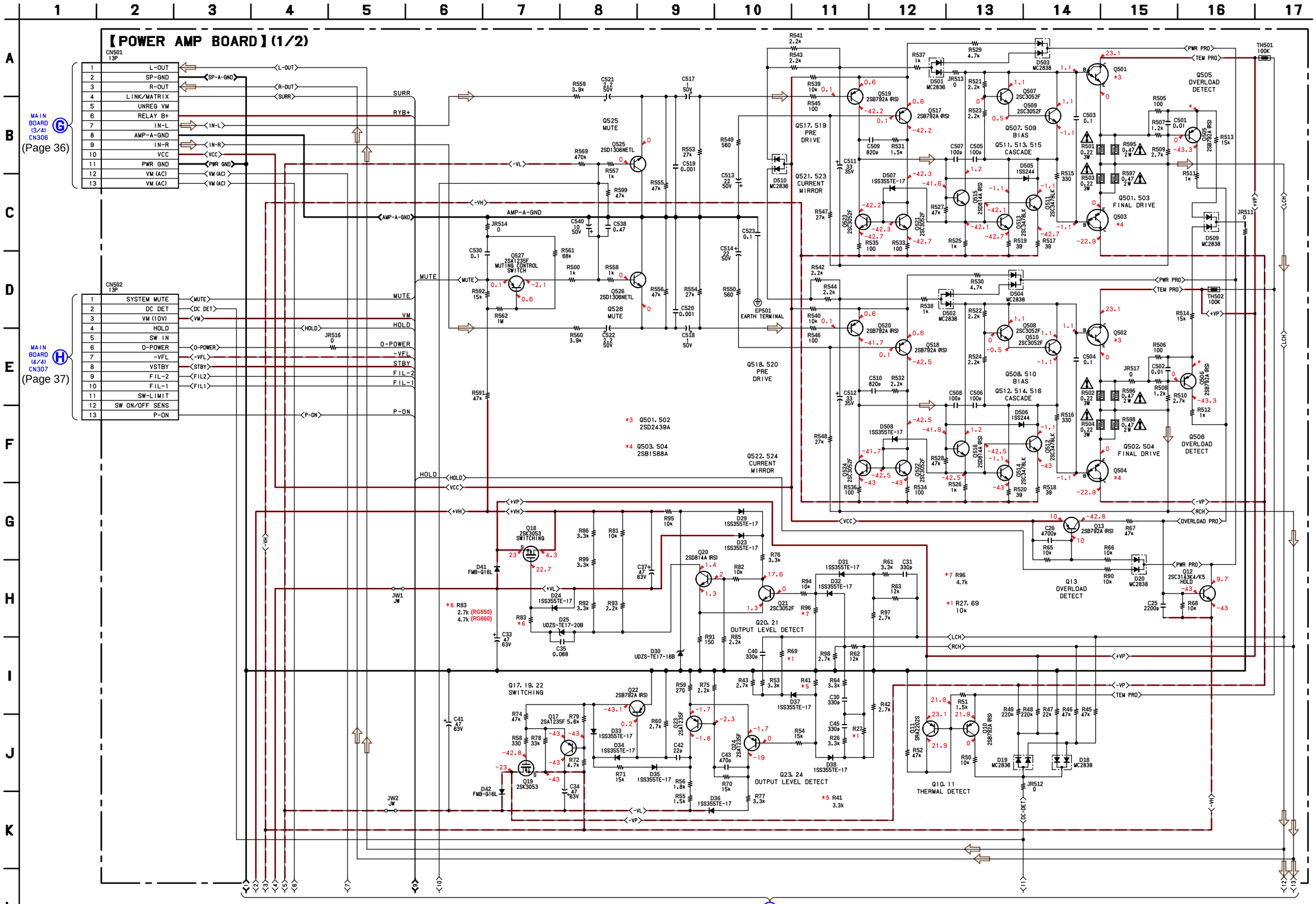
5-21. PLACA DE CIRCUITO IMPRESSO — SEÇÃO POWER AMP SECTION —



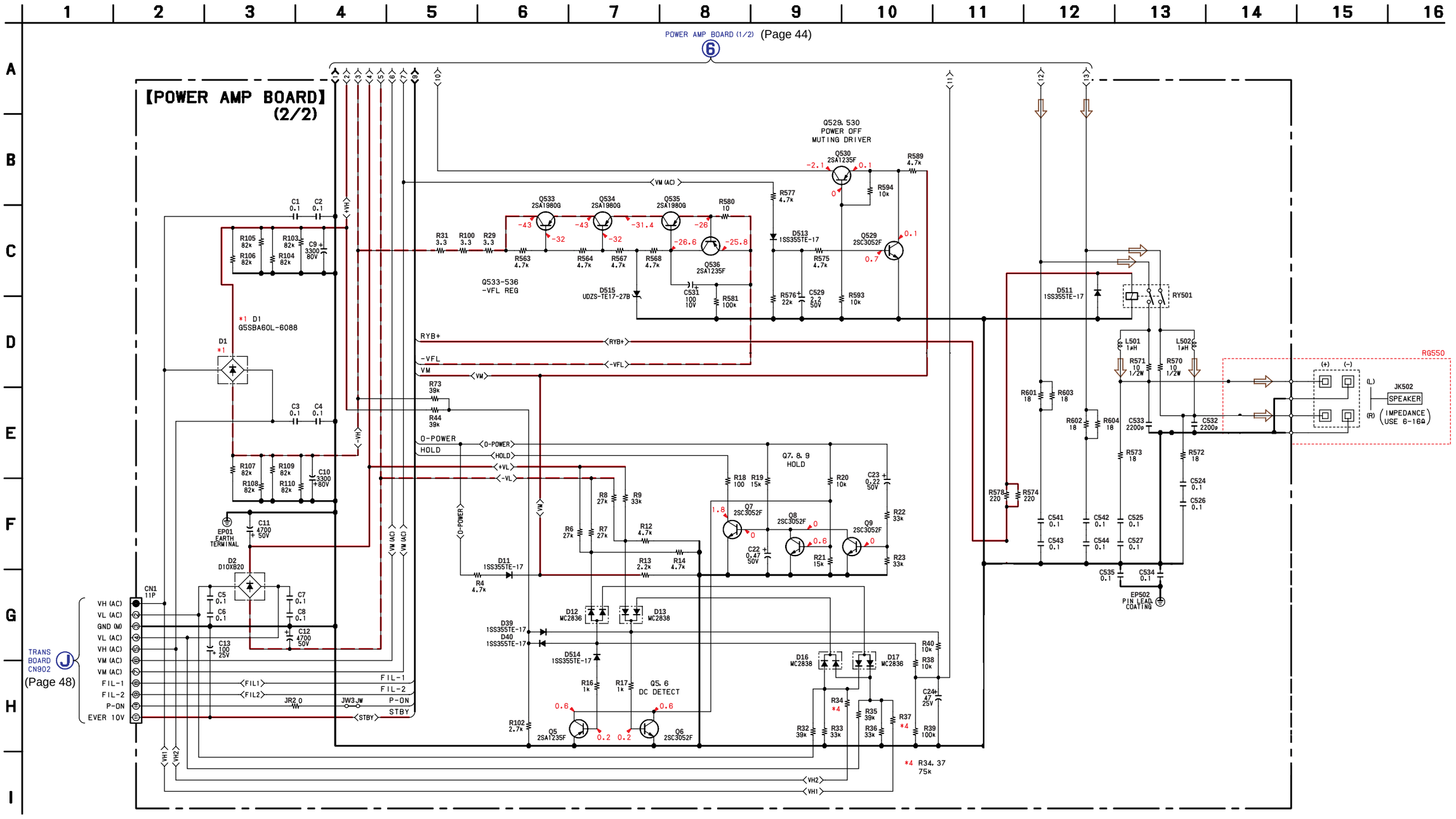
• **Localização do Semicondutor**

Ref. No.	Location	Ref. No.	Location
D1	G-9	Q9	F-8
D2	G-10	Q10	B-3
D11	F-7	Q11	B-3
D12	F-8	Q12	A-3
D13	F-9	Q13	A-4
D16	F-11	Q17	F-4
D17	F-11	Q18	F-4
D18	B-3	Q19	F-3
D19	B-3	Q20	D-4
D20	A-3	Q21	D-4
D23	E-4	Q22	E-4
D24	G-4	Q23	D-4
D25	E-4	Q24	D-4
D29	D-4	Q501	E-2
D30	D-5	Q502	C-2
D31	D-4	Q503	D-2
D32	D-4	Q504	B-2
D33	C-4	Q505	F-2
D34	E-4	Q506	D-3
D35	E-4	Q507	E-3
D36	E-4	Q508	C-2
D37	D-4	Q509	E-3
D38	D-4	Q510	C-3
D39	F-6	Q511	C-4
D40	F-6	Q512	A-3
D41	E-4	Q513	C-3
D42	F-4	Q514	A-3
D501	C-4	Q515	C-4
D502	B-4	Q516	B-4
D503	C-4	Q517	C-4
D504	B-4	Q518	B-4
D505	C-3	Q519	C-4
D506	B-3	Q520	B-4
D507	B-4	Q521	B-4
D508	A-4	Q522	A-4
D509	C-2	Q523	B-4
D510	B-4	Q524	A-4
D511	G-4	Q525	C-4
D512	I-3	Q526	B-5
D513	I-5	Q527	F-5
D514	F-8	Q529	I-4
D515	I-10	Q530	H-6
		Q532	H-4
Q5	F-8	Q533	I-9
Q6	F-8	Q534	I-9
Q7	F-7	Q535	I-8
Q8	F-8	Q536	I-8

5-22. DIAGRAMA ESQUEMÁTICO — SEÇÃO POWER AMP (1/2) —

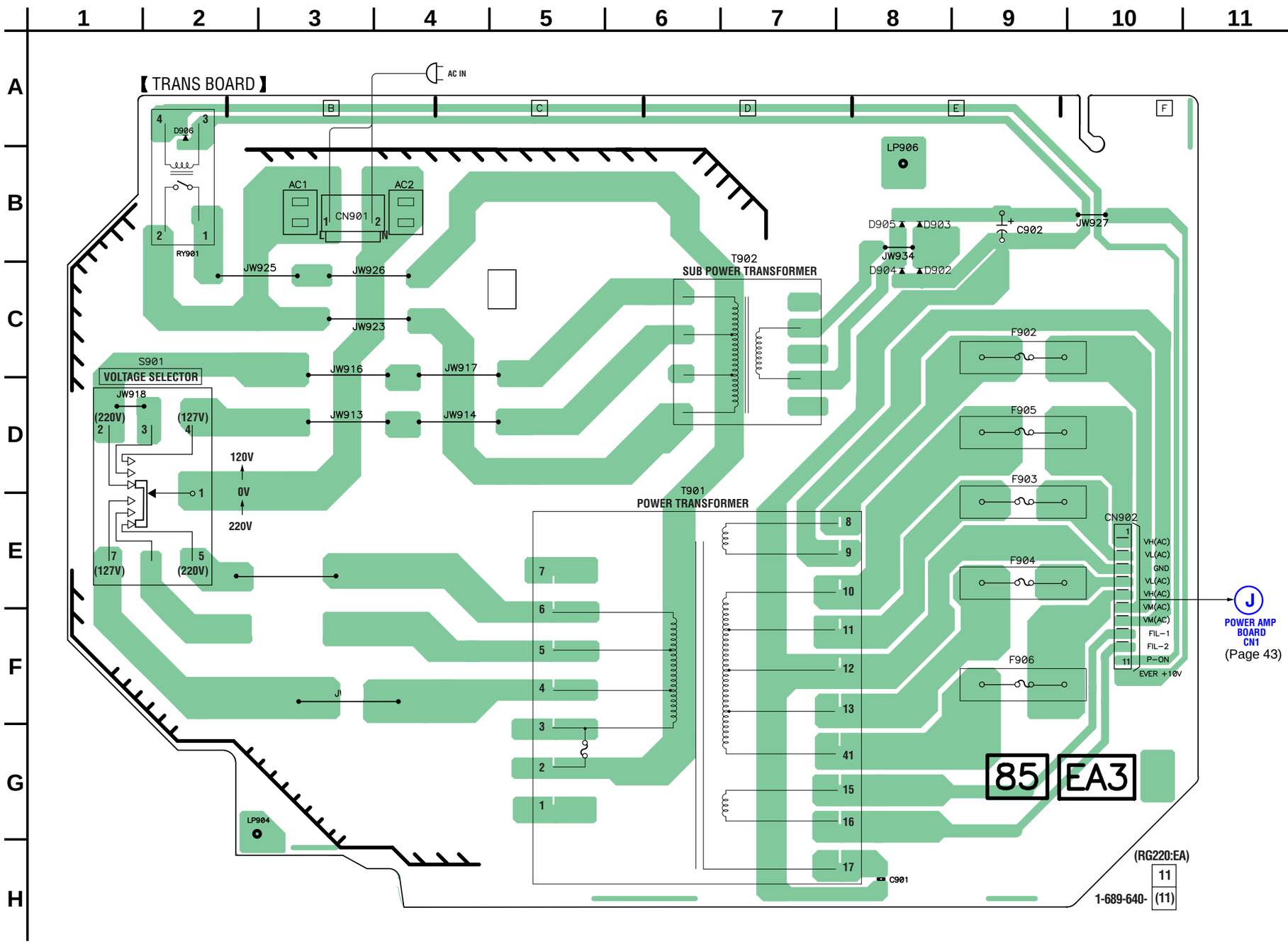


5-23. DIAGRAMA ESQUEMÁTICO — SEÇÃO POWER AMP (2/2) —



5-24. PLACA DE CIRCUITO IMPRESSO — SEÇÃO TRANSFORMADOR

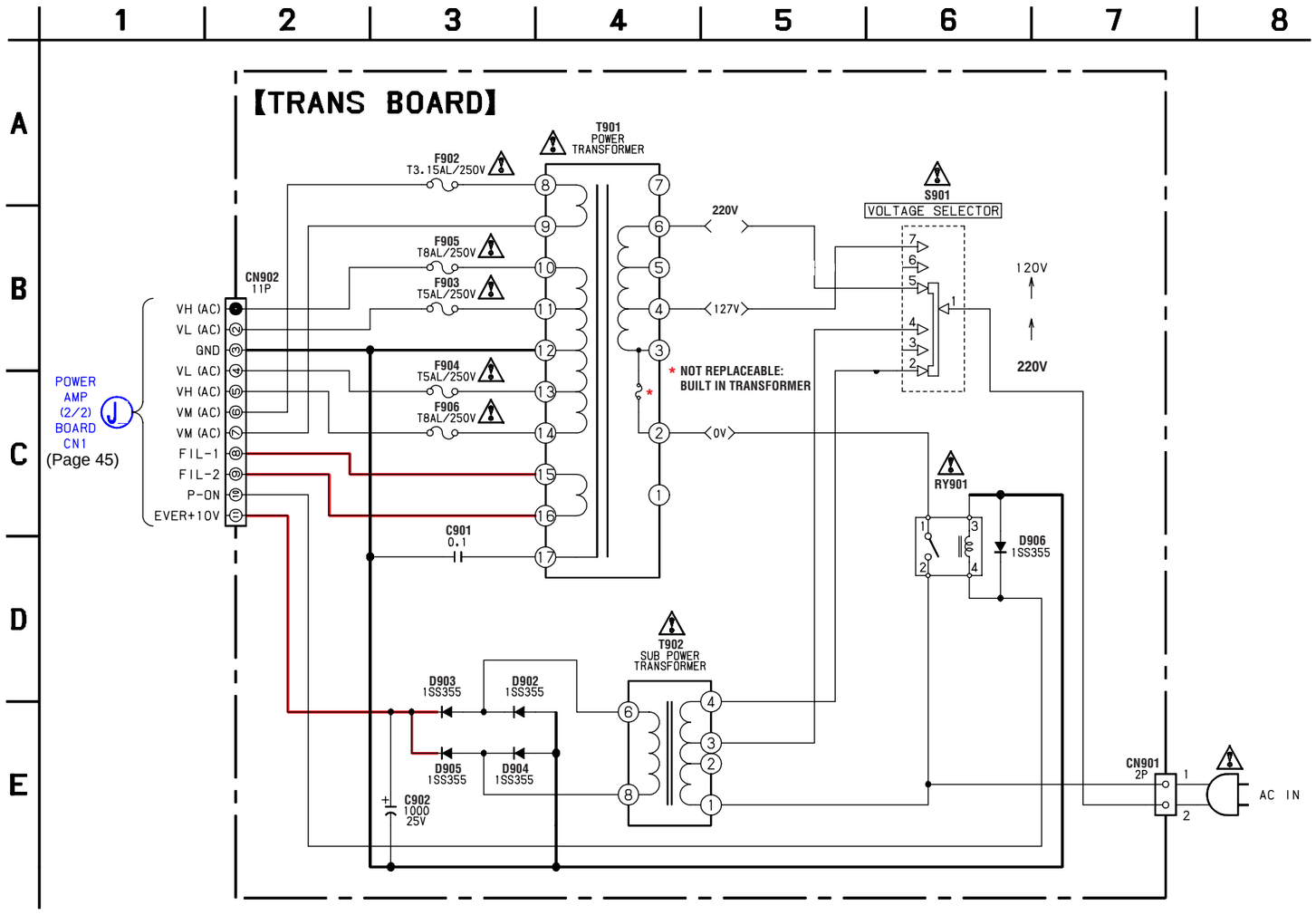
: Uses unleaded solder.



• **Semiconductor Location**

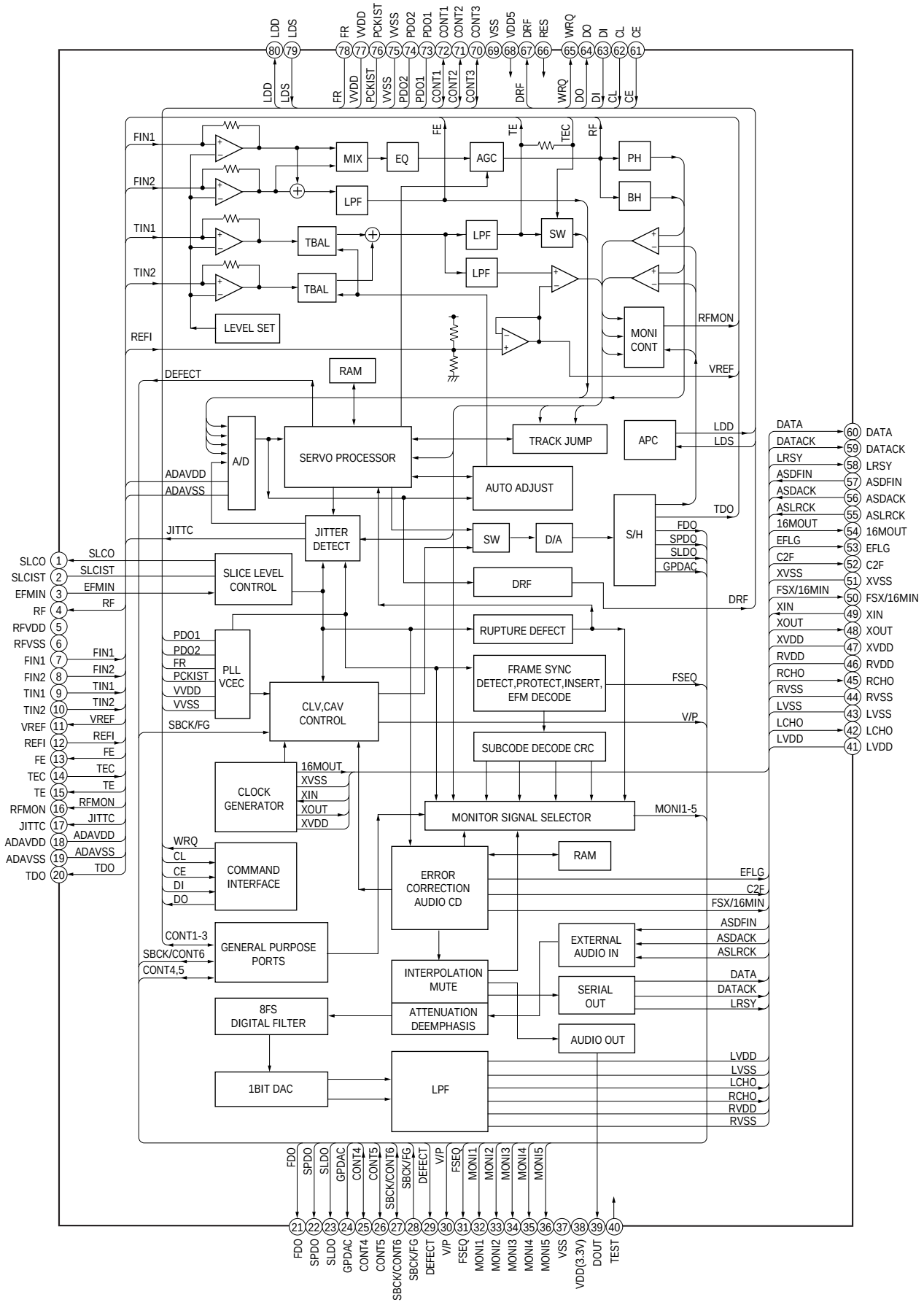
Ref. No.	Location
D902	C-8
D903	B-8
D904	C-8
D905	B-8
D906	A-2

5-25. DIAGRAMA ESQUEMÁTICO — SEÇÃO TRANSFORMADOR —

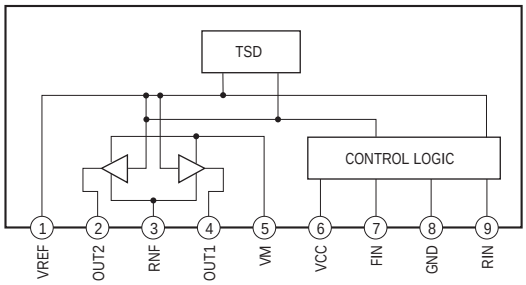


5-27. DIAGRAMAS EM BLOCO DO IC

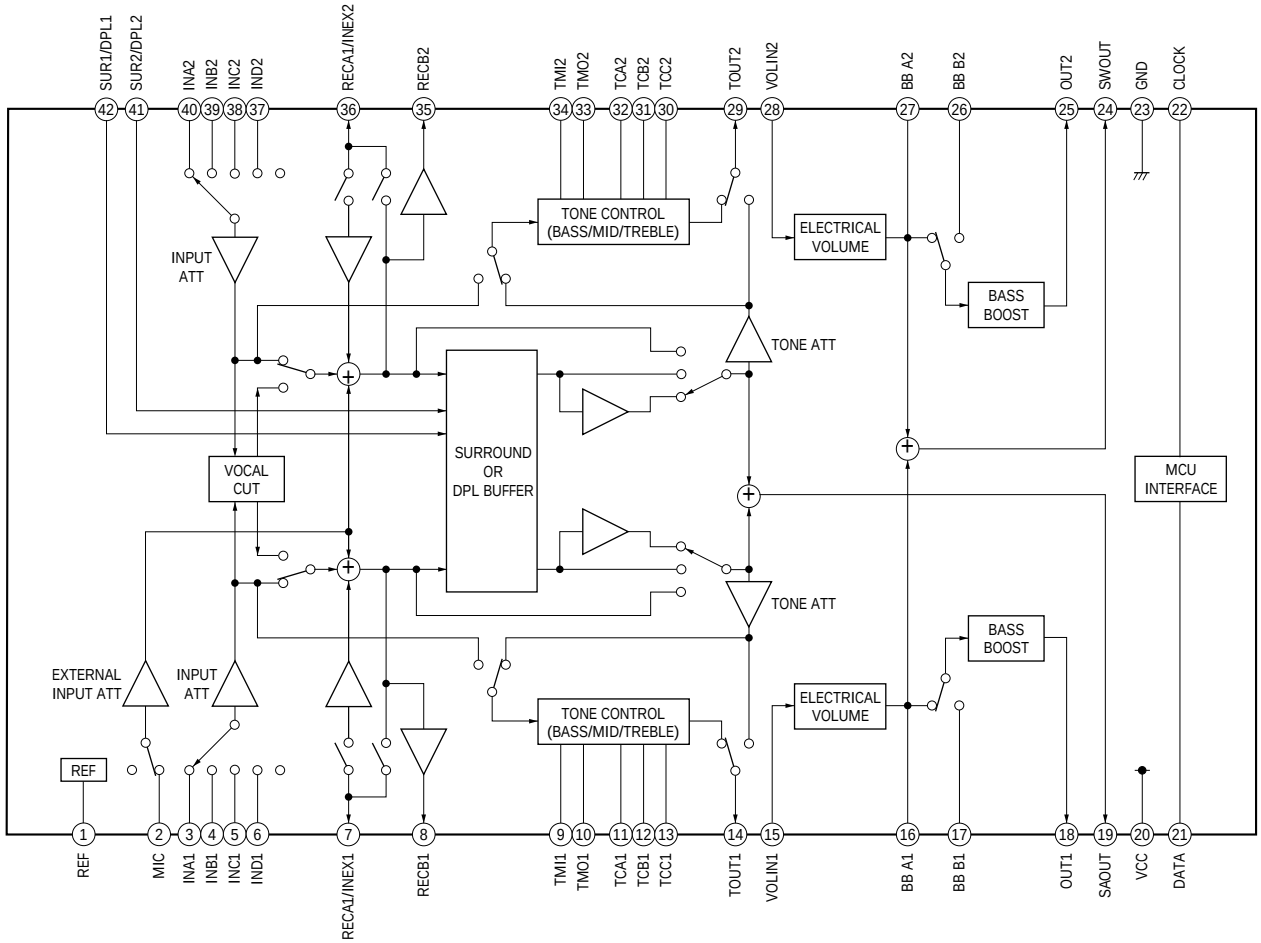
IC721 LC78646E-E (PlacaBD)



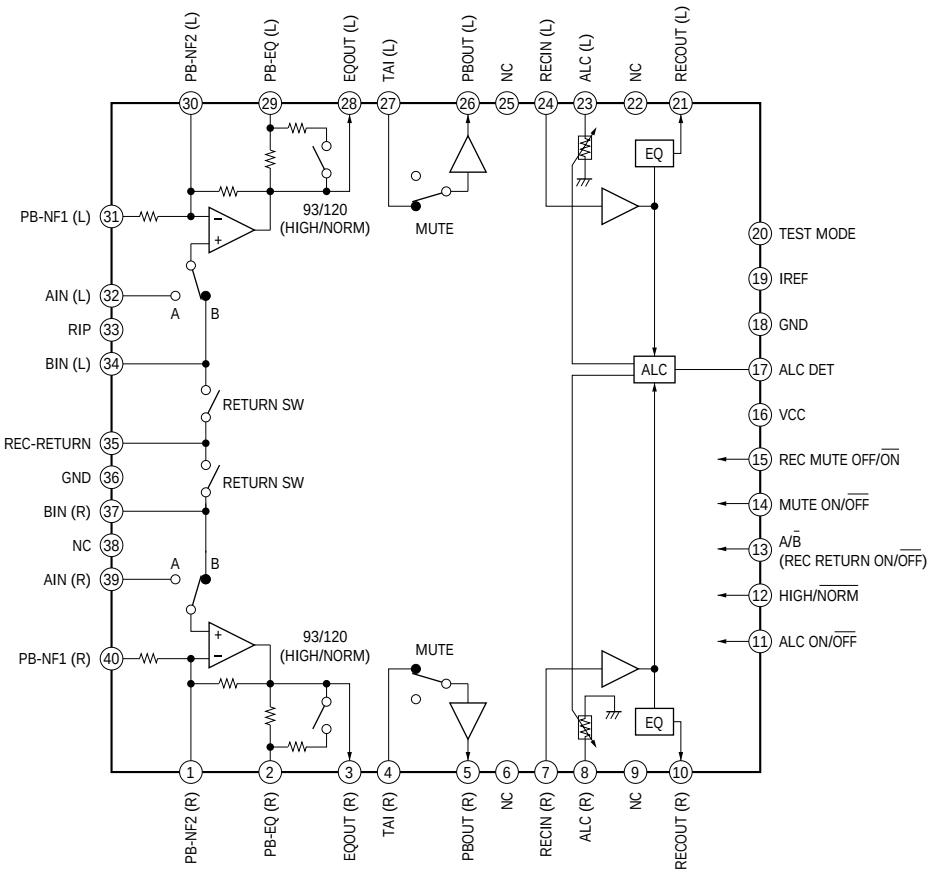
IC701, 712 BA6956AN (Placa DRIVER)



IC301 M61529FP (Placa PRINCIPAL)



IC201 HA12237F (Placa PRINCIPAL)

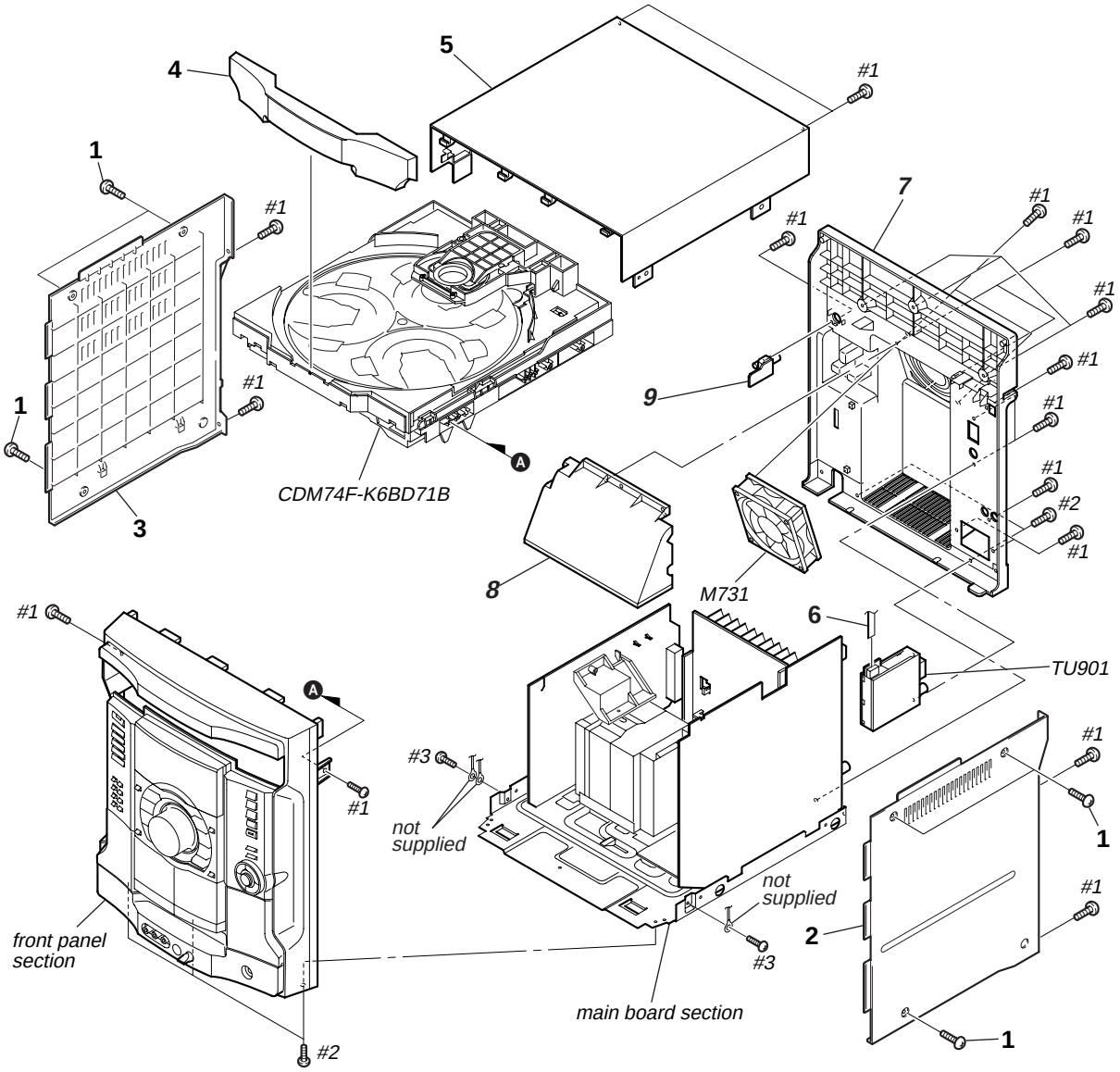


SEÇÃO 6
VISTA EXPLODIDA

NOTA:
- As peças mecânicas sem referencia de número na vista explodida nào são fornecidas.
- Itens com a marca "*" não são mantidos em testoque por serem raramente solicitados. Evite atrasos antecipando os pedidos para estes itens.
- -XX e -X indicam peças padronizadas que podem apresentar algumas diferenças das peças originalmente usadas no aparelho.
- Os acessórios podem ser encontrados no final da lista de peças elétricas.

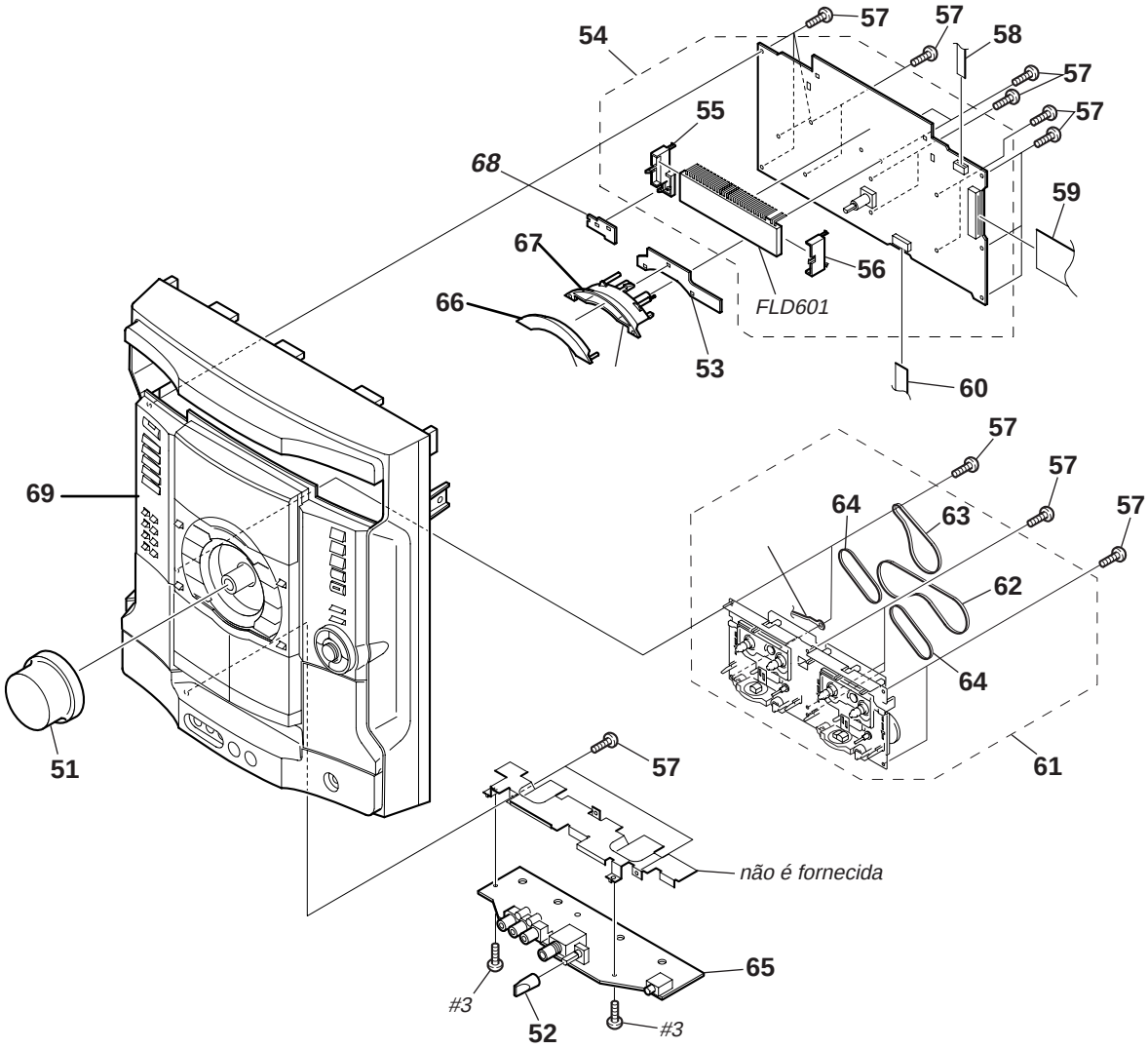
Os componentes identificados com a marca ⚠ são críticos para a segurança. Somente os substitua por peças numericamente identificadas neste manual.

6-1. SEÇÃO PRINCIPAL



Ref. No.	Part No.	Description	Remark
1	3-363-099-41	SCREW (CASE 3 TP2)	
2	4-245-184-31	CASE (SIDE-R)	
3	4-245-183-31	CASE (SIDE-L)	
4	4-246-172-11	PAINEL DE CARREGAMENTO	
5	4-244-849-11	TAMPA SUPERIOR	
6	1-769-939-11	WIRE (FLAT TYPE) (11 CORE)	
7	4-247-997-21	TAMPA TRASEIRA	
8	4-246-925-01	CAPA (DUTO)	
9	1-688-084-11	PLACA VIDEO OUT	
M731	1-763-488-61	VENTILADOR DC	
TU901	1-693-623-11	TUNER PACK (FM/AM) (ANTENNA)	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	
#2	7-685-872-09	SCREW +BVTT 3X8 (S)	
#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

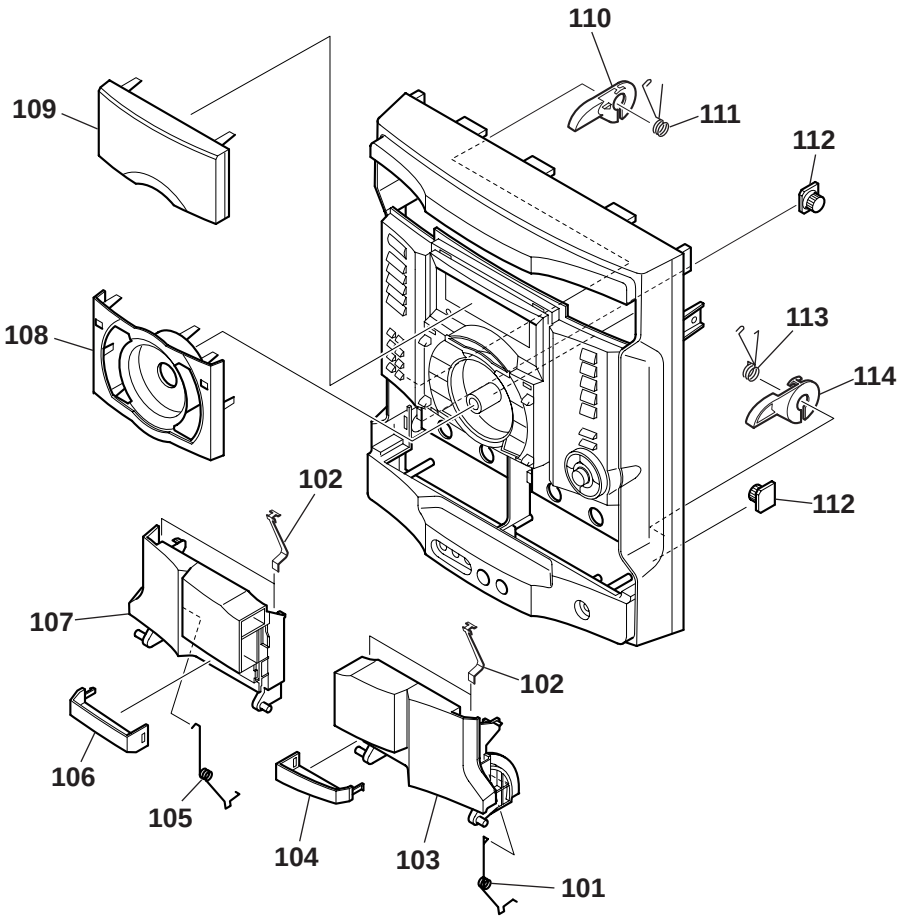
6-2. SEÇÃO PAINEL FRONTAL (1)



Ref. No.	Part No.	Description	Remark
51	4-244-686-01	VOLUME KNOB	
52	4-238-628-12	MIC KNOB (RG550)	
53	1-688-081-21	PLACA 6 STREAM LED	
54	Y-8284-109-A	PLACA PAINEL MONTADA	
55	4-244-902-01	FL HOLDER (L)	
56	4-244-903-01	FL HOLDER (R)	
57	4-951-620-01	SCREW (2.6X8), +BVTP	
58	1-769-914-11	WIRE (FLAT TYPE) (9 CORE)	
59	1-773-322-11	WIRE (FLAT TYPE) (31 CORE)	
60	1-827-145-11	WIRE (FLAT TYPE) (13 CORE)	

Ref. No.	Part No.	Description	Remark
61	1-796-487-31	MECANISMO DO DECK (CWM43RR01)	
62	4-243-608-01	CORREIA (BR)	
63	4-243-609-01	CORREIA (AF)	
64	4-243-610-01	CORREIA (AL)	
65	A-4749-074-A	PLACA JACK MONTADA	
66	4-244-695-11	DIFUSOR DE LUZ	
67	4-244-696-01	SUPORTE DO DIFISOR DE LUZ	
68	1-688-083-11	PLACA REMOTO	
FLD601	1-518-871-11	INDICATOR TUBE, FLUORESCENT	
#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
69	Y-8284-113-A	PAINEL FRONTAL MONTADA	

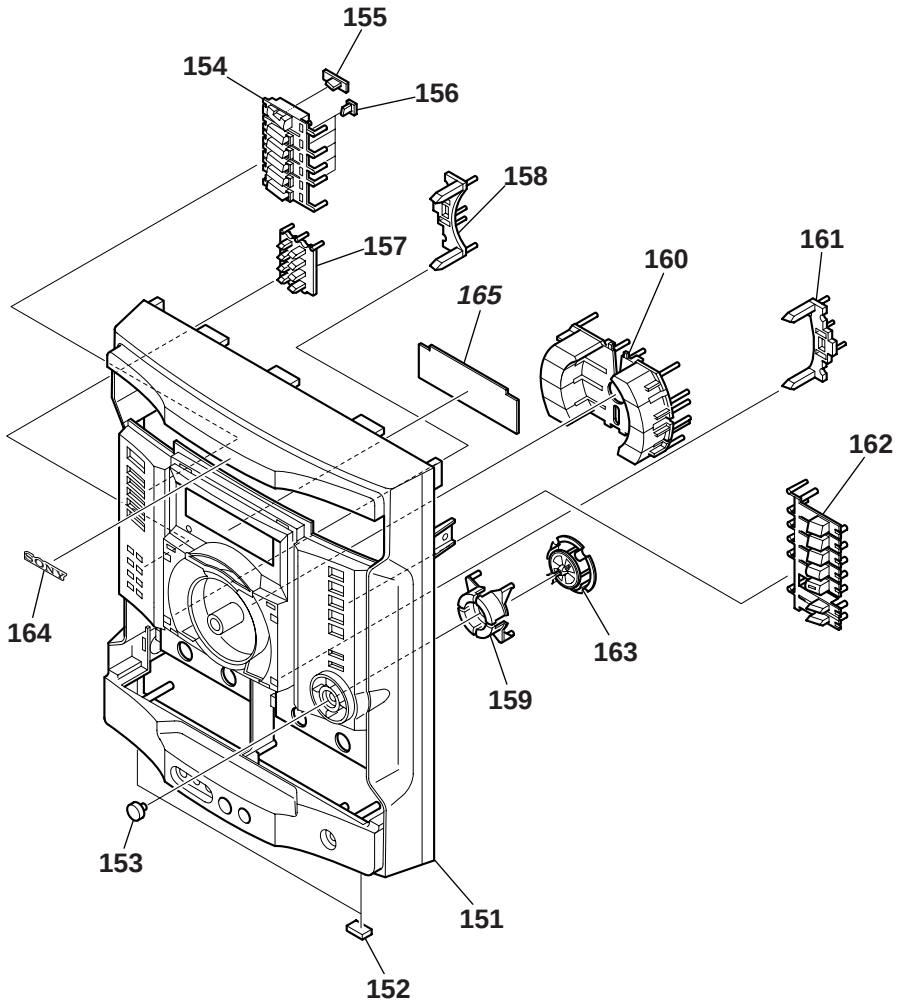
6-3. SEÇÃO PAINEL FRONTAL (2)



Ref. No.	Part No.	Description	Remark
101	4-244-701-01	MOLA DO PORTA CASSETE (B)	
102	4-238-631-01	MOLA DO CASSETE	
103	4-244-666-11	PORTA CASSETE (R)	
104	4-244-668-01	VISOR DO CASSETE (R)	
105	4-244-700-01	MOLA DO PORTA CASSETE (A)	
106	4-244-667-01	VISOR DO CASSETE (L)	
107	4-244-663-11	PORTA CASSETE (L)	

Ref. No.	Part No.	Description	Remark
108	4-244-661-11	SUB PAINEL	
109	4-244-669-01	VISOR DO DISPLAY	
110	4-231-824-01	TRAVA (A)	
111	4-231-836-01	MOLA(TRAVA DECK A)	
112	4-224-104-11	AMORTECEDOR	
113	4-231-841-01	MOLA(TRAVA DECK B)	
114	4-231-825-01	TRAVA (B)	

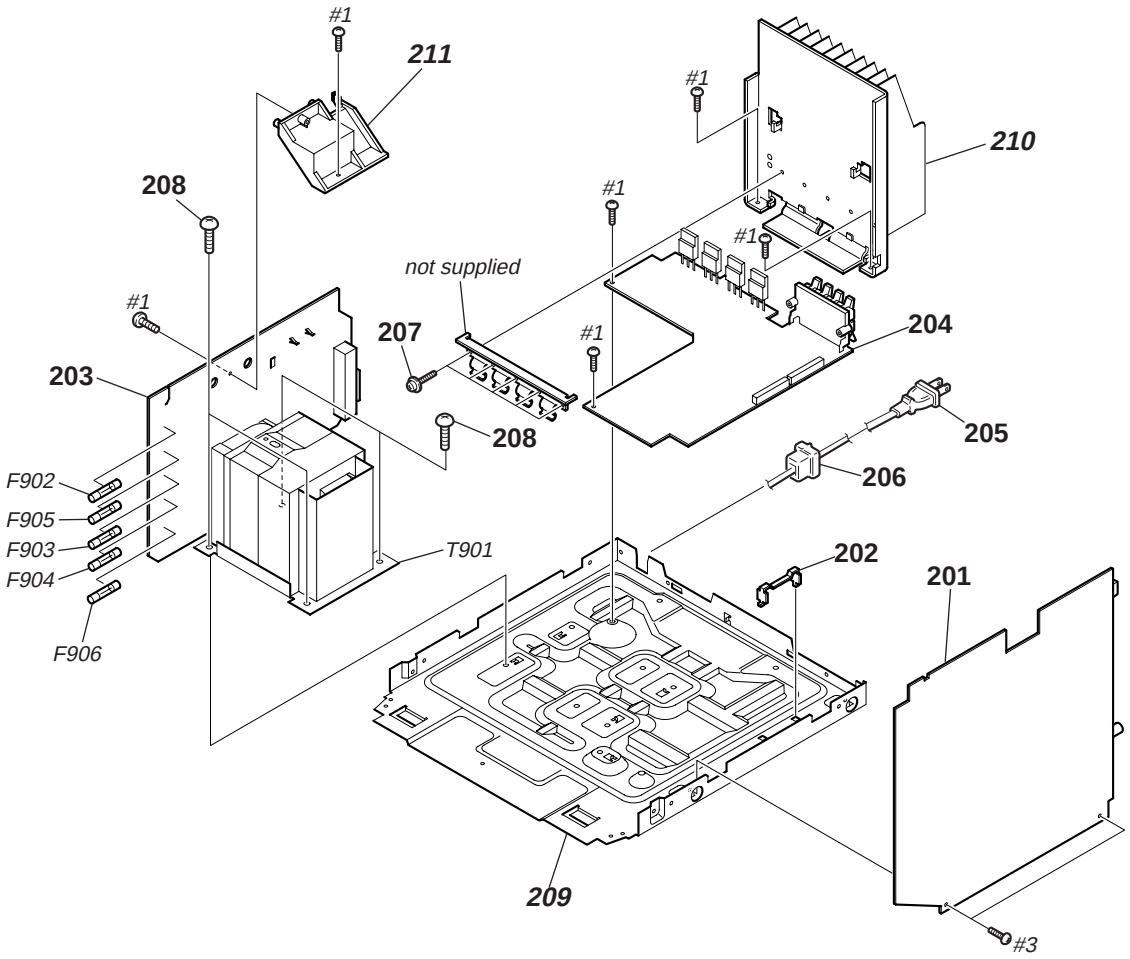
6-4. SEÇÃO PAINEL FRONTAL (3)



Ref. No.	Part No.	Description	Remark
151	4-244-899-01	PAINEL FRONTAL	
152	4-233-980-01	PE DE BORRACHA	
153	4-244-900-01	BOTAO CURSOR	
154	4-244-676-01	BOTAO FUNCTION	
155	4-244-677-01	INDICADOR POWER	
156	4-244-678-01	INDICADOR FUNCTION	
157	4-244-908-01	BOTAO REC (B)	
158	4-246-092-01	BOTAO DISPLAY (B)	

Ref. No.	Part No.	Description	Remark
159	4-244-684-12	BOTAO EQ	
160	4-244-906-12	BOTAO CONTROLE (B)	
161	4-246-093-01	BOTAO PAUSE	
162	4-244-679-01	BOTAO DISC	
163	4-244-901-01	SUPORTE DO CURSOR	
164	4-963-404-02	EMBLEMA SONY	
165	4-244-692-01	FILTRO DO VISOR (FL)	

6-5. SEÇÃO PLACA PRINCIPAL

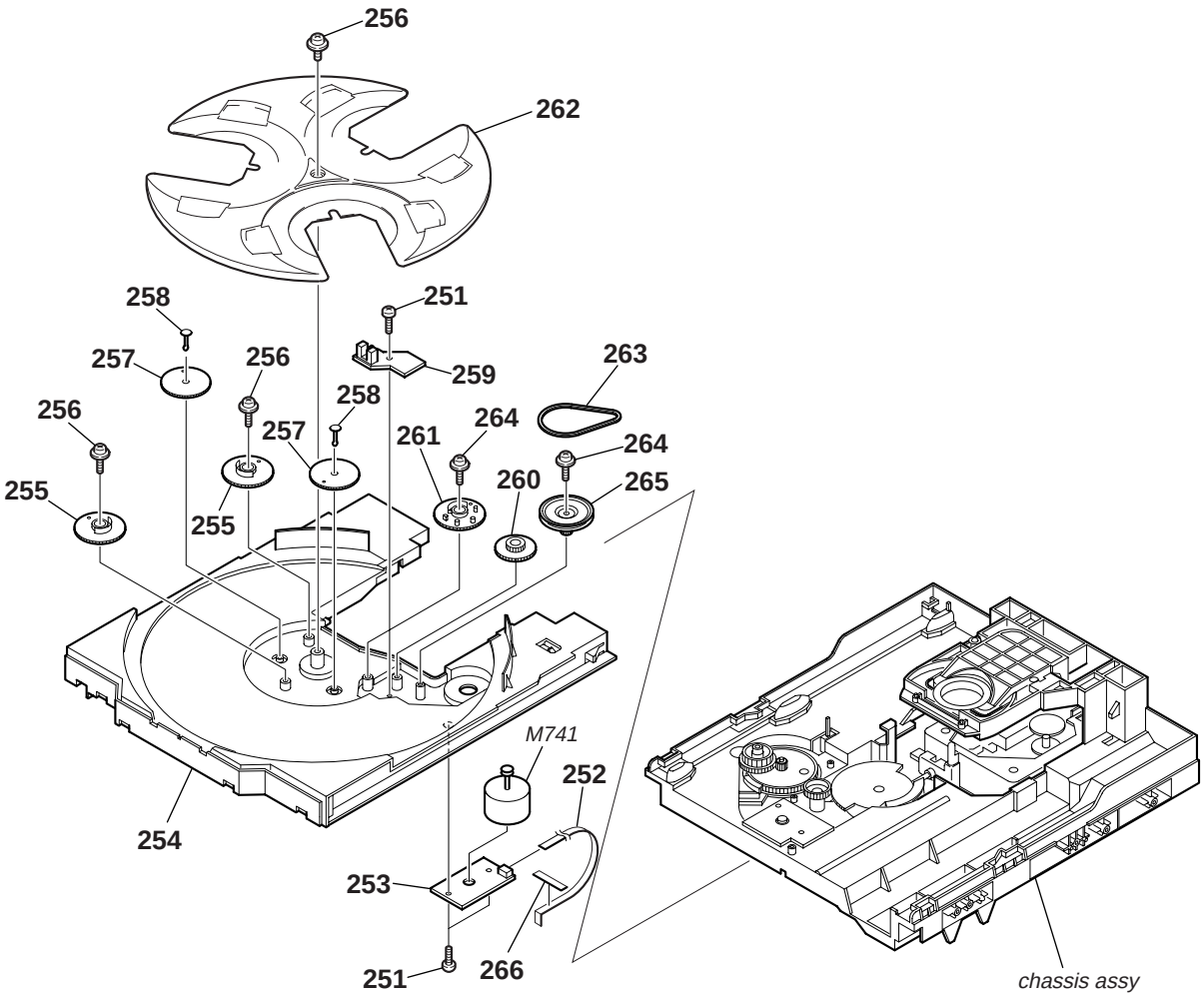


Os componentes indicados com a marca ⚠ são críticos para segurança are critical for safety.
Somente os substitua por peças indicadas nesse manual.

Ref. No.	Part No.	Description	Remark
201	Y-8284-106-A	PLACA PRINCIPAL MONTADA	
202	4-988-533-01	HOLDER, PWB	
203	1-688-088-11	PLACA TRANSFORMADOR	
204	Y-8284-111-A	PLACA POWER	
205	1-757-813-23	CABO DE FORÇA	
206	3-004-269-01	PRENSA CABO	
207	3-905-609-01	SCREW (TRANSISTOR)	
208	4-242-527-01	S-SCREW, ITC+4-8 R	
209	4-244-698-21	CHASSI	
210	4-244-699-11	DISSIPADOR	
211	4-246-088-01	SUPORTE DO TRANSFORMADOR	

Ref. No.	Part No.	Description	Remark
⚠F902	1-533-470-11	FUSIVEL RETARDADO (DIA.5) (T3.15AL/250V)	
⚠F903	1-533-472-11	FUSIVEL RETARDADO (DIA.5) (T5AL/250V)	
⚠F904	1-533-472-11	FUSIVEL RETARDADO (DIA.5) (T5AL/250V)	
⚠F905	1-533-949-31	FUSIVEL RETARDADO (DIA.5) (T8AL/250V)	
⚠F906	1-533-949-31	FUSIVEL RETARDADO (DIA.5) (T8AL/250V)	
⚠T901	1-439-865-11	TRANSFORMADOR DE FORCA	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	
#3	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

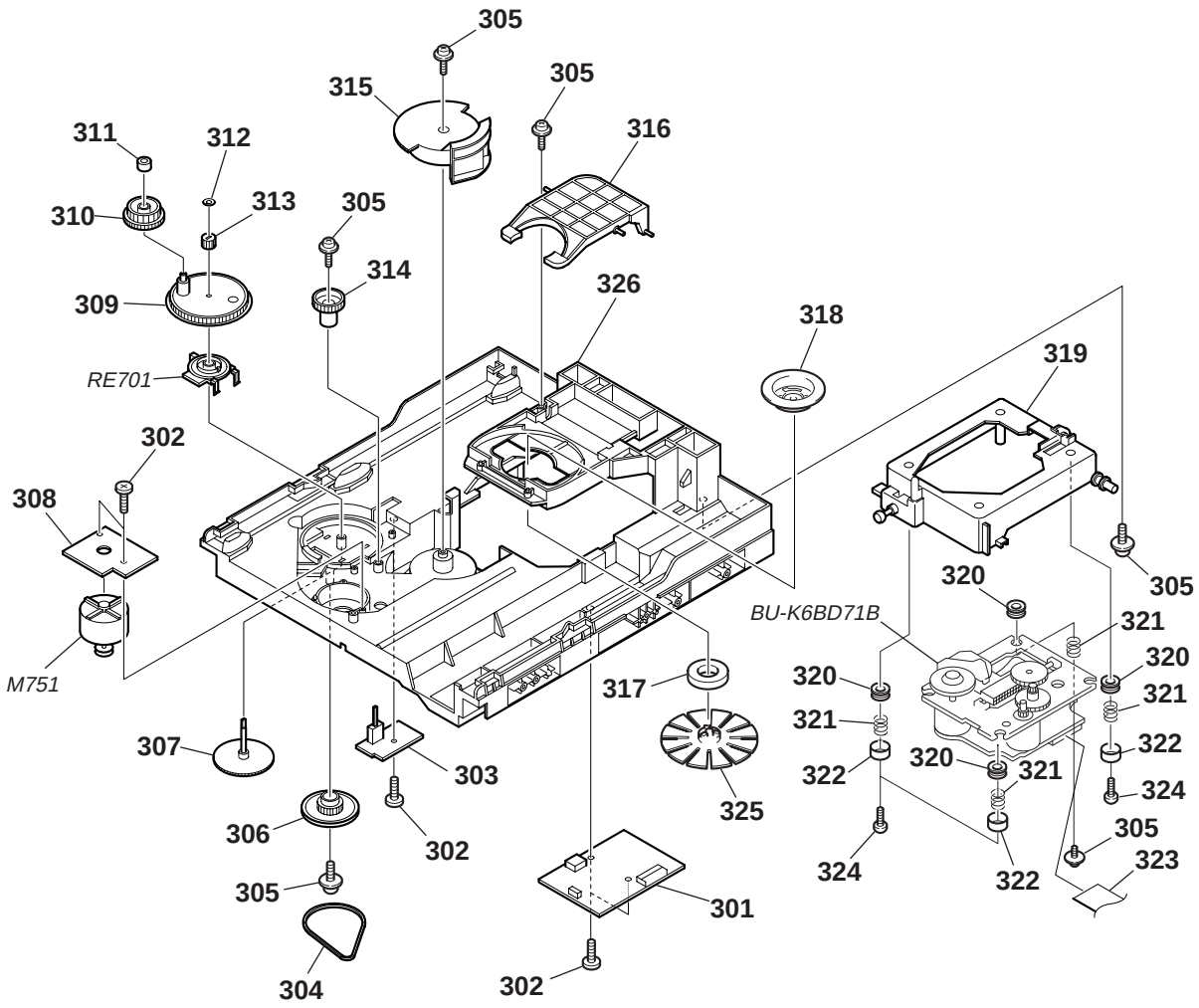
6-6. SEÇÃO MECANISMO DO CD (1)
(CDM74F-K6BD71B)



Ref. No.	Part No.	Description	Remark
251	4-218-253-21	SCREW (M2.6), +BTTP	
252	1-776-182-11	WIRE (FLAT TYPE) (5 CORE)	
253	1-687-134-11	MOTOR (TB) BOARD	
254	4-243-815-01	MESA DE CARREGAMENTO (LOADING)	
255	4-245-571-02	GEAR (STOPPER)	
256	4-218-252-61	SCREW (+PTPWH M2.6), FLOATING	
257	4-245-570-01	GEAR (JOINT)	
258	4-245-572-01	BUSHING (GEAR)	
259	1-687-132-11	SENSOR BOARD	

Ref. No.	Part No.	Description	Remark
260	4-243-820-01	GEAR (TABLE)	
261	4-243-819-01	GEAR (GENEVA)	
262	4-243-816-01	DISCO	
263	4-243-823-01	BELT (TABLE)	
264	4-985-672-01	SCREW (+PTPWH M2.6), FLOATING	
265	4-243-821-01	PULLEY (TABLE)	
266	3-231-598-01	SHEET (BA)	
M741	A-4723-963-A	MOTOR ASSY, TABLE (TABLE)	

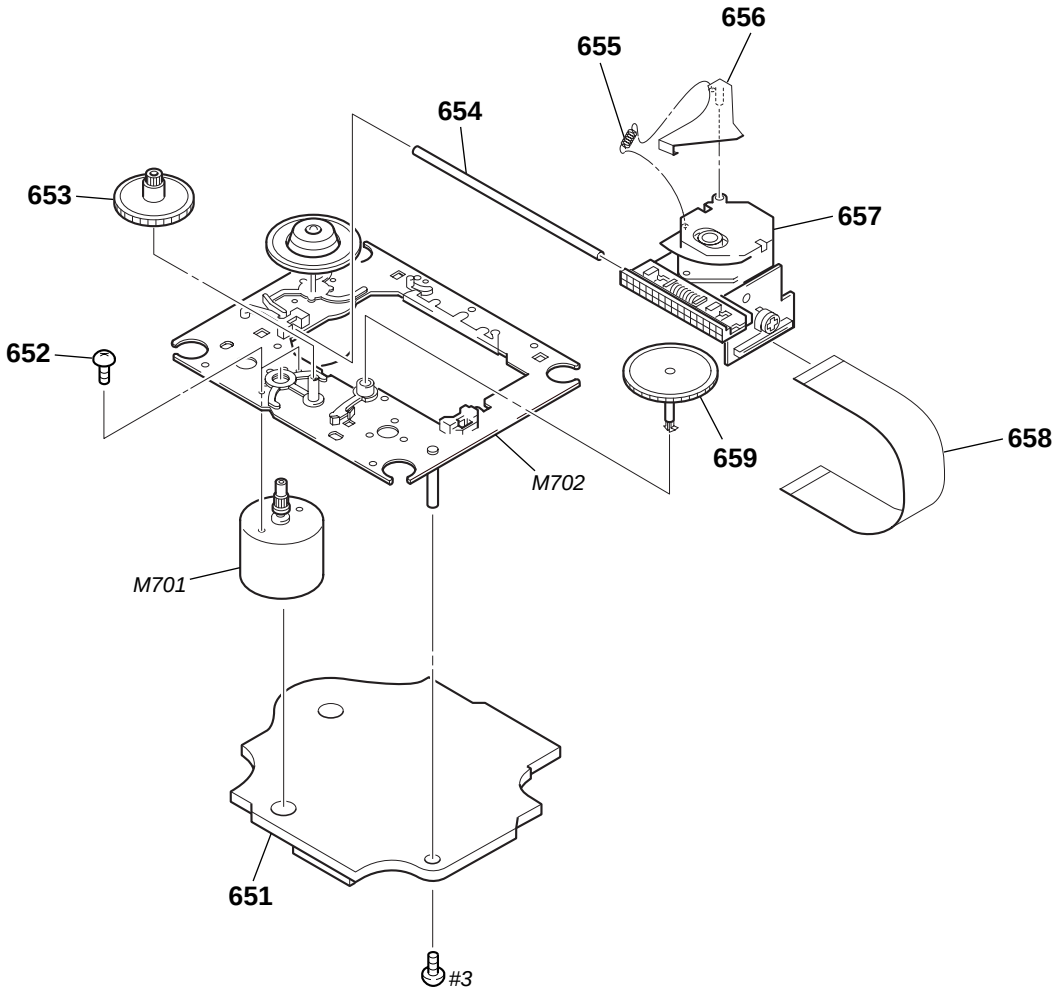
6-7. SEÇÃO MECANISMO DO CD (2)
(CDM74F-K6BD71B)



Ref. No.	Part No.	Description	Remark
301	Y-8284-010-A	PLACA CDM74 MONTADA	
302	4-218-253-31	SCREW (M2.6), +BTTP	
303	1-687-669-11	SW BOARD	
304	4-244-034-01	BELT (LOADING)	
305	4-218-252-61	SCREW (+PTPWH M2.6), FLOATING	
306	4-225-844-01	GEAR (LOADING A)	
307	4-224-613-01	GEAR (SHAFT)	
308	1-687-133-11	MOTOR (LD) BOARD	
309	4-244-108-01	GEAR, SWING	
310	4-224-609-01	GEAR (LOADING C)	
311	4-224-608-01	COLLAR, SWING	
312	3-016-533-11	WASHER (FR), STOPPER	
313	4-224-611-01	GEAR (LOADING B)	
314	4-224-606-01	GEAR (RV)	
315	4-243-818-01	GEAR (U/D)	

Ref. No.	Part No.	Description	Remark
316	4-243-822-01	LEVER (LIFTER)	
317	1-471-035-11	MAGNET ASSY	
318	4-221-688-01	PULLEY (B), CHUCKING	
319	X-4955-536-1	HOLDER (213) ASSY	
320	4-227-549-11	INSULATOR	
321	4-227-045-11	SPRING (INSULATOR), COIL	
322	4-231-151-01	STOPPER (BU)	
323	1-827-146-11	WIRE (FLAT TYPE) (19 CORE)	
324	4-218-253-21	SCREW (M2.6), +BTTP	
325	X-4955-707-1	PULLEY (A5) ASSY, CHUCKING	
326	4-243-817-01	CHASSIS	
M751	A-4736-655-A	MOTOR ASSY, LOADING (LOADING)	
RE701	1-477-680-11	ENCODER, ROTARY (DISC TRAY ADDRESS DETECT)	

6.8. SEÇÃO BASE DO UNIDADE (BU-K6BD71B)



Os componentes identificados com a marca ⚠ são críticos para a segurança. Somente os substitua por peças identificadas nesse manual.

Ref. No.	Part No.	Description	Remark
651	Y-8284-024-A	PLACA BD MONTADA	
652	3-713-786-51	SCREW +P 2X3	
653	2-627-003-01	GEAR (B) (RP)	
654	2-626-908-01	SHAFT, SLED	
655	2-646-702-01	SPRING, EXTENSION	
656	2-646-697-02	SHUTTER (F) LENS	
⚠657	8-820-020-11	UNIDADE ÓTICA KSS-213D/Z-RP	

Ref. No.	Part No.	Description	Remark
658	1-792-024-11	CABO TIPO FLAT (16 VIAS)	
659	2-625-907-11	GEAR (A)	
M701	X-2625-769-1	GEAR ASSY (MB) (RP), MOTOR (SLED)	
M702	X-2161-802-1	CHASSIS ASSY (DCP), T. T (SPINDLE)	
#3	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	

BD

SEÇÃO 7
LISTA DE PEÇAS ELÉTRICAS

NOTA:
- Devido a padronização algumas peças dessa lista podem apresentar diferenças das peças indicadas nos esquemas elétricos ou mesmo das utilizadas no aparelho.
- -XX ed -X indicam peças padronizadas que podem apresentar algumas diferenças das peças originalmente usadas no aparelho.
- RESISTORES
  Todos os resistores estão em ohms.
  METAL:resistor de metal-film
  METAL OXIDE: resistor Metal Oxide-film
  F:anti-chama
- Itens com a marca "*" não são mantidas em estoque por serem raramente solicitadas. Atrasos podem ser evitados antecipando-se os pedidos para estes itens.
- SEMICONDUTORES
  Em cada caso,, u : µ, por exemplo :
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORES
  uF : µF
- bobinas
  uH : µH

Os componentes indicados com a marca ⚠ são críticos para segurança are critical for safety.
Replace only with part number indicadas nesse manual.

Quando solicitar peças pelo no. de ref por favor indique o nome da placa.

Ref. No.	Part No.	Description			Remark
	Y-8284-024-A	PLACA BD MONTADA			
		**********			
		< CAPACITOR >			
C701	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C702	1-126-392-11	ELECT CHIP	100uF	20%	6.3V
C703	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C704	1-126-391-11	ELECT CHIP	47uF	20%	6.3V
C705	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C706	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C707	1-126-392-11	ELECT CHIP	100uF	20%	6.3V
C708	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C709	1-126-392-11	ELECT CHIP	100uF	20%	6.3V
C710	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C711	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C712	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C713	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C714	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C715	1-126-401-21	ELECT CHIP	1uF	20%	50V
C716	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C717	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C718	1-115-156-11	CERAMIC CHIP	1uF		10V
C719	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C720	1-162-953-11	CERAMIC CHIP	100PF	5%	50V
C721	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C722	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C723	1-126-392-11	ELECT CHIP	100uF	20%	6.3V
C729	1-128-360-11	ELECT CHIP	220uF	20%	10V
C731	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C732	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C733	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C734	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C735	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C741	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C742	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C743	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C744	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V
C746	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C747	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C748	1-128-360-11	ELECT CHIP	220uF	20%	10V
C753	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C754	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C756	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C761	1-162-941-11	CERAMIC CHIP	10PF	0.5PF	50V

Ref. No.	Part No.	Description			Remark
C802	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C803	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C804	1-162-945-11	CERAMIC CHIP	22PF	5%	50V
C805	1-126-392-11	ELECT CHIP	100uF	20%	6.3V
C806	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C807	1-126-392-11	ELECT CHIP	100uF	20%	6.3V
C810	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C811	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C812	1-115-156-11	CERAMIC CHIP	1uF		10V
C813	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C814	1-126-392-11	ELECT CHIP	100uF	20%	6.3V
C815	1-128-360-11	ELECT CHIP	220uF	20%	10V
C816	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C817	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C823	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C824	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C825	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C829	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C830	1-162-945-11	CERAMIC CHIP	22PF	5%	50V
C831	1-162-945-11	CERAMIC CHIP	22PF	5%	50V
C834	1-128-360-11	ELECT CHIP	220uF	20%	10V
C835	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C837	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C843	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C844	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C856	1-115-156-11	CERAMIC CHIP	1uF		10V
C857	1-162-945-11	CERAMIC CHIP	22PF	5%	50V
C858	1-162-945-11	CERAMIC CHIP	22PF	5%	50V
C859	1-162-945-11	CERAMIC CHIP	22PF	5%	50V
C860	1-162-953-11	CERAMIC CHIP	100PF	5%	50V
		< CONNECTOR >			
CN708	1-817-244-11	CONNECTOR, FFC 16P			
CN710	1-778-874-11	CONNECTOR, FFC (LIF(NON-ZIF)) 19P			
		< FERRITE BEAD >			
FB701	1-550-907-21	BEAD, FERRITE (CHIP)			
FB707	1-550-907-21	BEAD, FERRITE (CHIP)			
FB708	1-550-907-21	BEAD, FERRITE (CHIP)			
FB761	1-550-907-21	BEAD, FERRITE (CHIP)			
FB801	1-550-907-21	BEAD, FERRITE (CHIP)			
FB802	1-550-907-21	BEAD, FERRITE (CHIP)			
FB803	1-550-907-21	BEAD, FERRITE (CHIP)			
FB804	1-550-907-21	BEAD, FERRITE (CHIP)			
FB805	1-550-907-21	BEAD, FERRITE (CHIP)			

Ref. No.	Part No.	Description			Remark
FB806	1-550-907-21	BEAD, FERRITE (CHIP)			
FB807	1-550-907-21	BEAD, FERRITE (CHIP)			
FB808	1-550-907-21	BEAD, FERRITE (CHIP)			
		< IC >			
IC721	6-701-796-01	IC LC78646E-E			
IC722	6-704-220-01	IC BA5836FP			
IC801	6-704-008-01	IC LC78684E-E			
IC802	6-704-009-01	IC LC32V4265CT-25-MPB-E			
IC803	6-704-007-01	IC MM1571J			
		< TRANSISTOR >			
Q701	8-729-054-57	TRANSISTOR KTN2907AS-RTK			
		< RESISTOR >			
R701	1-216-841-11	METAL CHIP	47K	5%	1/10W
R702	1-216-835-11	METAL CHIP	15K	5%	1/10W
R703	1-216-835-11	METAL CHIP	15K	5%	1/10W
R704	1-216-835-11	METAL CHIP	15K	5%	1/10W
R705	1-216-835-11	METAL CHIP	15K	5%	1/10W
R706	1-216-841-11	METAL CHIP	47K	5%	1/10W
R707	1-216-797-11	METAL CHIP	10	5%	1/10W
R708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R709	1-216-838-11	METAL CHIP	27K	5%	1/10W
R711	1-216-815-11	METAL CHIP	330	5%	1/10W
R713	1-216-821-11	METAL CHIP	1K	5%	1/10W
R714	1-216-809-11	METAL CHIP	100	5%	1/10W
R715	1-216-809-11	METAL CHIP	100	5%	1/10W
R716	1-216-809-11	METAL CHIP	100	5%	1/10W
R717	1-216-809-11	METAL CHIP	100	5%	1/10W
R718	1-216-809-11	METAL CHIP	100	5%	1/10W
R719	1-216-809-11	METAL CHIP	100	5%	1/10W
R720	1-216-809-11	METAL CHIP	100	5%	1/10W
R721	1-216-809-11	METAL CHIP	100	5%	1/10W
R722	1-216-809-11	METAL CHIP	100	5%	1/10W
R725	1-216-819-11	METAL CHIP	680	5%	1/10W
R726	1-216-819-11	METAL CHIP	680	5%	1/10W
R727	1-216-809-11	METAL CHIP	100	5%	1/10W
R728	1-216-841-11	METAL CHIP	47K	5%	1/10W
R729	1-216-834-11	METAL CHIP	12K	5%	1/10W
R730	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R731	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R732	1-216-864-11	METAL CHIP	0	5%	1/10W
R738	1-218-867-11	METAL CHIP	6.8K	5%	1/10W
R739	1-216-864-11	METAL CHIP	0	5%	1/10W
R740	1-218-867-11	METAL CHIP	6.8K	5%	1/10W
R741	1-216-864-11	METAL CHIP	0	5%	1/10W
R744	1-216-845-11	METAL CHIP	100K	5%	1/10W
R745	1-216-809-11	METAL CHIP	100	5%	1/10W
R746	1-216-803-11	METAL CHIP	33	5%	1/10W
R747	1-216-803-11	METAL CHIP	33	5%	1/10W
R760	1-216-809-11	METAL CHIP	100	5%	1/10W
R761	1-216-821-11	METAL CHIP	1K	5%	1/10W
R762	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R765	1-216-857-11	METAL CHIP	1M	5%	1/10W
R801	1-216-809-11	METAL CHIP	100	5%	1/10W
R802	1-216-809-11	METAL CHIP	100	5%	1/10W
R803	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R804	1-216-809-11	METAL CHIP	100	5%	1/10W
R805	1-216-809-11	METAL CHIP	100	5%	1/10W
R806	1-216-809-11	METAL CHIP	100	5%	1/10W
R807	1-216-809-11	METAL CHIP	100	5%	1/10W
R817	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R818	1-216-811-11	METAL CHIP	150	5%	1/10W
R819	1-216-821-11	METAL CHIP	1K	5%	1/10W
R820	1-216-821-11	METAL CHIP	1K	5%	1/10W
R823	1-216-809-11	METAL CHIP	100	5%	1/10W
R824	1-216-809-11	METAL CHIP	100	5%	1/10W
R825	1-216-809-11	METAL CHIP	100	5%	1/10W
R826	1-216-809-11	METAL CHIP	100	5%	1/10W
R827	1-216-809-11	METAL CHIP	100	5%	1/10W
R828	1-216-809-11	METAL CHIP	100	5%	1/10W
R829	1-216-809-11	METAL CHIP	100	5%	1/10W
R832	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R833	1-216-809-11	METAL CHIP	100	5%	1/10W
R834	1-216-809-11	METAL CHIP	100	5%	1/10W
R860	1-216-809-11	METAL CHIP	100	5%	1/10W
		< SWITCH >			
S701	1-771-853-11	SWITCH, DETECTION (LIMIT IN)			
		< VIBRATOR >			
X701	1-767-408-21	VIBRATOR, CRYSTAL (16.9344MHz)			
**********					
	Y-8284-010-A	PLACA CDM74 MONTADA			
		**********			
		< CAPACITOR >			
C715	1-126-933-11	ELECT	100uF	20%	16V
C731	1-126-964-11	ELECT	10uF	20%	50V
C735	1-164-159-21	CERAMIC	0.1uF		50V
C736	1-164-159-21	CERAMIC	0.1uF		50V
C737	1-164-159-21	CERAMIC	0.1uF		50V
C741	1-162-306-11	CERAMIC	0.01uF	30%	16V
C751	1-162-306-11	CERAMIC	0.01uF	30%	16V
C752	1-164-159-21	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CN701	1-785-338-11	PIN, CONNECTOR (LIGHT ANGLE) 12P			
CN702	1-784-766-11	CONNECTOR, FFC 5P			
* CN703	1-564-720-11	PIN, CONNECTOR (SMALL TYPE) 4P			
CN704	1-785-328-11	PIN, CONNECTOR (LIGHT ANGLE) 2P			
		< DIODE >			
D701	8-719-923-33	DIODE MTZJ-T-77-5.1A			
D711	8-719-983-13	DIODE MTXJ-T-77-3.6B			
		< IC >			
IC701	8-759-598-69	IC BA6956AN			
IC712	8-759-598-69	IC BA6956AN			
		< TRANSISTOR >			
Q731	8-729-029-67	TRANSISTOR DTC114ESA-TP			

DRIVER JACK

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R701	1-249-413-11	CARBON	470	5%	1/4W
R702	1-247-807-31	CARBON	100	5%	1/4W
R711	1-249-417-11	CARBON	1K	5%	1/4W
R712	1-249-425-11	CARBON	4.7K	5%	1/4W
R713	1-249-433-11	CARBON	22K	5%	1/4W
R721	1-249-425-11	CARBON	4.7K	5%	1/4W
R722	1-249-425-11	CARBON	4.7K	5%	1/4W
R723	1-249-425-11	CARBON	4.7K	5%	1/4W
R731	1-247-807-31	CARBON	100	5%	1/4W
R732	1-249-429-11	CARBON	10K	5%	1/4W
R733	1-249-417-11	CARBON	1K	5%	1/4W
R734	1-249-430-11	CARBON	12K	5%	1/4W
R735	1-247-807-31	CARBON	100	5%	1/4W
R751	1-249-425-11	CARBON	4.7K	5%	1/4W
**********					
	A-4749-074-A	PLACA JACK MONTADA			
		**********			
		< CAPACITOR >			
C009	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C011	1-124-464-11	ELECT	0.22uF	20%	50V
C012	1-124-463-00	ELECT	0.1uF	20%	50V
C013	1-126-964-11	ELECT	10uF	20%	50V
C014	1-126-964-11	ELECT	10uF	20%	50V
C015	1-124-257-00	ELECT	2.2uF	20%	50V
C016	1-124-257-00	ELECT	2.2uF	20%	50V
C017	1-124-584-00	ELECT	100uF	20%	10V
C018	1-124-584-00	ELECT	100uF	20%	10V
C019	1-162-953-11	CERAMIC CHIP	100PF	5%	50V
C020	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C021	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C022	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C023	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C024	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C025	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C026	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C027	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C028	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C029	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V

Ref. No.	Part No.	Description			Remark
C030	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C031	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C057	1-164-156-11	CERAMIC CHIP	0.1uF		25V
		< IC >			
IC001	8-759-274-71	IC NJM4565M-D			
		< JACK >			
JK003	1-7793-521-11	JACK (LARGE TYPE) (MIC)			
JK005	1-764-592-11	JACK 3P (GAME INPUT VIDEO,AUDIO L/R)			
JK006	1-793-829-11	JACK, HEADPHONE (PHONES)			
		< JUMPER RESISTOR >			
JR005	1-216-864-11	METAL CHIP	0	5%	1/10W
JR006	1-216-864-11	METAL CHIP	0	5%	1/10W
		< TRANSISTOR >			
Q001	8-729-600-91	TRANSISTOR 2SC3052F-TI-LF			
		< RESISTOR >			
R005	1-216-833-11	METAL CHIP	10K	5%	1/10W
R006	1-216-833-11	METAL CHIP	10K	5%	1/10W
R007	1-216-833-11	METAL CHIP	10K	5%	1/10W
R008	1-216-845-11	METAL CHIP	100K	5%	1/10W
R009	1-216-821-11	METAL CHIP	1K	5%	1/10W
R010	1-216-837-11	METAL CHIP	22K	5%	1/10W
R011	1-216-809-11	METAL CHIP	100	5%	1/10W
R012	1-216-845-11	METAL CHIP	100K	5%	1/10W
R013	1-216-809-11	METAL CHIP	100	5%	1/10W
R014	1-216-848-11	METAL CHIP	180K	5%	1/10W
R015	1-216-833-11	METAL CHIP	10K	5%	1/10W
R016	1-216-833-11	METAL CHIP	10K	5%	1/10W
R017	1-216-821-11	METAL CHIP	1K	5%	1/10W
R018	1-216-834-11	METAL CHIP	12K	5%	1/10W
R019	1-216-837-11	METAL CHIP	22K	5%	1/10W
R020	1-216-837-11	METAL CHIP	22K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R021	1-216-821-11	METAL CHIP	1K	5%	1/10W
		< VARIABLE RESISTOR >			
VR001	1-223-983-11	RES, VAR, CARBON 50K (MIC LEVEL)			
**********					
	Y-8284-106-A	PLACA PRINCIPAL MONTADA			
		**********			
	7-685-872-09	SCREW +BVTT 3X8 (S)			
		< CAPACITOR >			
C101	1-126-963-11	ELECT	4.7uF	20%	50V
C102	1-126-963-11	ELECT	4.7uF	20%	50V
C103	1-126-933-11	ELECT	100uF	20%	16V
C106	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C107	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C201	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C202	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C203	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C204	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C206	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C221	1-126-947-11	ELECT	47uF	20%	16V
C223	1-137-395-11	FILM	0.022uF	5%	100V
C225	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C226	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C230	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C231	1-162-949-11	CERAMIC CHIP	47PF	5%	50V
C232	1-126-947-11	ELECT	47uF	20%	16V
C233	1-130-471-00	MYLAR	0.001uF	5%	50V
C234	1-130-471-00	MYLAR	0.001uF	5%	50V
C235	1-126-960-11	ELECT	1uF	20%	50V
C236	1-126-933-11	ELECT	100uF	20%	16V
C237	1-126-960-11	ELECT	1uF	20%	50V
C239	1-130-485-00	MYLAR	0.015uF	5%	50V
C240	1-126-964-11	ELECT	10uF	20%	50V
C241	1-130-479-00	MYLAR	0.0047uF	5%	50V
C242	1-130-479-00	MYLAR	0.0047uF	5%	50V
C244	1-126-947-11	ELECT	47uF	20%	16V
C247	1-126-961-11	ELECT	2.2uF	20%	50V
C248	1-126-961-11	ELECT	2.2uF	20%	50V
C249	1-126-961-11	ELECT	2.2uF	20%	50V
C250	1-126-961-11	ELECT	2.2uF	20%	50V
C253	1-126-933-11	ELECT	100uF	20%	16V
C254	1-126-963-11	ELECT	4.7uF	20%	50V
C255	1-126-961-11	ELECT	2.2uF	20%	50V
C256	1-126-959-11	ELECT	0.47uF	20%	50V
C257	1-126-956-11	ELECT	0.1uF	20%	50V
C258	1-126-963-11	ELECT	4.7uF	20%	50V
C259	1-128-551-11	ELECT	22uF	20%	25V
C260	1-126-959-11	ELECT	0.47uF	20%	50V
C261	1-126-959-11	ELECT	0.47uF	20%	50V
C265	1-130-489-00	MYLAR	0.033uF	5%	50V
C266	1-130-483-00	MYLAR	0.01uF	5%	50V

Ref. No.	Part No.	Description			Remark
C267	1-130-483-00	MYLAR	0.01uF	5%	50V
C268	1-126-960-11	ELECT	1uF	20%	50V
C269	1-126-960-11	ELECT	1uF	20%	50V
C272	1-126-960-11	ELECT	1uF	20%	50V
C273	1-126-960-11	ELECT	1uF	20%	50V
C285	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C286	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C300	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C301	1-126-964-11	ELECT	10uF	20%	50V
C302	1-126-964-11	ELECT	10uF	20%	50V
C303	1-104-665-11	ELECT	100uF	20%	10V
C304	1-126-963-11	ELECT	4.7uF	20%	50V
C307	1-126-964-11	ELECT	10uF	20%	50V
C308	1-126-964-11	ELECT	10uF	20%	50V
C309	1-126-964-11	ELECT	10uF	20%	50V
C310	1-126-964-11	ELECT	10uF	20%	50V
C311	1-126-964-11	ELECT	10uF	20%	50V
C312	1-126-964-11	ELECT	10uF	20%	50V
C313	1-107-714-11	ELECT	10uF	20%	16V
C314	1-107-714-11	ELECT	10uF	20%	16V
C317	1-126-964-11	ELECT	10uF	20%	50V
C318	1-126-964-11	ELECT	10uF	20%	50V
C319	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C320	1-130-487-00	MYLAR	0.022uF	5%	50V
C321	1-130-487-00	MYLAR	0.022uF	5%	50V
C323	1-130-487-00	MYLAR	0.022uF	5%	50V
C324	1-130-487-00	MYLAR	0.022uF	5%	50V
C325	1-130-491-00	MYLAR	0.047uF	5%	50V
C326	1-130-491-00	MYLAR	0.047uF	5%	50V
C327	1-130-476-00	MYLAR	0.0027uF	5%	50V
C328	1-130-476-00	MYLAR	0.0027uF	5%	50V
C331	1-130-494-11	MYLAR	0.082uF	5%	50V
C331	1-136-169-00	FILM	0.22uF	5%	50V
C332	1-136-169-00	FILM	0.22uF	5%	50V
C333	1-136-171-00	FILM	0.33uF	5%	50V
C334	1-136-171-00	FILM	0.33uF	5%	50V
C337	1-126-964-11	ELECT	10uF	20%	50V
C339	1-126-934-11	ELECT	220uF	20%	16V
C342	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C345	1-126-933-11	ELECT	100uF	20%	16V
C348	1-126-947-11	ELECT	47uF	20%	16V
C349	1-126-964-11	ELECT	10uF	20%	50V
C350	1-126-964-11	ELECT	10uF	20%	50V
C351	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C352	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C353	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C354	1-162-966-91	CERAMIC CHIP	0.0022uF	10%	50V
C355	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C356	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C357	1-126-926-11	ELECT	1000uF	20%	10V
C359	1-126-947-11	ELECT	47uF	20%	16V

MAIN

Ref. No.	Part No.	Description			Remark
C361	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C362	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C363	1-126-964-11	ELECT	10uF	20%	50V
C364	1-126-964-11	ELECT	10uF	20%	50V
C365	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C366	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C369	1-126-964-11	ELECT	10uF	20%	50V
C370	1-126-964-11	ELECT	10uF	20%	50V
C371	1-126-947-11	ELECT	47uF	20%	16V
C372	1-126-964-11	ELECT	10uF	20%	50V
C373	1-130-483-00	MYLAR	0.01uF	5%	50V
C374	1-130-483-00	MYLAR	0.01uF	5%	50V
C375	1-126-943-51	ELECT	2200uF	20%	25V
C377	1-126-963-11	ELECT	4.7uF	20%	50V
C378	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C380	1-126-935-11	ELECT	470uF	20%	16V
C381	1-126-947-11	ELECT	47uF	20%	16V
C386	1-126-947-11	ELECT	47uF	20%	16V
C390	1-162-953-11	CERAMIC CHIP	100PF	5%	50V
C391	1-162-953-11	CERAMIC CHIP	100PF	5%	50V
C392	1-162-953-11	CERAMIC CHIP	100PF	5%	50V
C393	1-126-959-11	ELECT	0.47uF	20%	50V
C395	1-104-665-11	ELECT	100uF	20%	10V
C397	1-104-665-11	ELECT	100uF	20%	10V
C398	1-126-964-11	ELECT	10uF	20%	50V
C399	1-126-935-11	ELECT	470uF	20%	16V
C401	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C402	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C411	1-107-713-11	ELECT	4.7uF	20%	35V
C412	1-107-713-11	ELECT	4.7uF	20%	35V
C417	1-131-760-91	ELECT	1000uF	20%	10V
C418	1-130-483-00	MYLAR	0.01uF	5%	50V
C419	1-130-483-00	MYLAR	0.01uF	5%	50V
C420	1-126-943-11	ELECT	2200uF	20%	25V
C421	1-126-934-11	ELECT	220uF	20%	16V
C423	1-126-947-11	ELECT	47uF	20%	16V

Ref. No.	Part No.	Description			Remark
C447	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C450	1-126-964-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
CN101	1-784-772-11	CONNECTOR, FFC 11P			
* CN202	1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P			
* CN203	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CN303	1-564-506-11	PLUG, CONNECTOR 3P			
CN304	1-784-792-11	CONNECTOR, FFC 31P			
CN306	1-778-982-21	CONNECTOR, BOARD TO BOARD 13P			
CN307	1-778-982-21	CONNECTOR, BOARD TO BOARD 13P			
* CN308	1-564-709-11	PIN, CONNECTOR (SMALL TYPE) 7P			
CN310	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P			
CN311	1-784-770-11	CONNECTOR, FFC 9P			
CN312	1-784-780-11	CONNECTOR, FFC 19P			
		< DIODE >			
D102	6-500-522-21	DIODE 10EDB40-TB3			
D203	8-719-988-61	DIODE 1SS355TE-17			
D204	8-719-988-61	DIODE 1SS355TE-17			
D205	8-719-988-61	DIODE 1SS355TE-17			
D206	8-719-988-61	DIODE 1SS355TE-17			
D210	8-719-988-61	DIODE 1SS355TE-17			
D301	6-500-522-21	DIODE 10EDB40-TB3			
D302	6-500-522-21	DIODE 10EDB40-TB3			
D303	6-500-522-21	DIODE 10EDB40-TB3			
D304	6-500-522-21	DIODE 10EDB40-TB3			
D305	8-719-988-61	DIODE 1SS355TE-17			
D306	8-719-988-61	DIODE 1SS355TE-17			
D307	8-719-988-61	DIODE 1SS355TE-17			
D308	8-719-988-61	DIODE 1SS355TE-17			
D309	8-719-988-61	DIODE 1SS355TE-17			
D311	8-719-988-61	DIODE 1SS355TE-17			
D312	8-719-083-63	DIODE UDZS-TE17-13B			
D313	6-500-522-21	DIODE 10EDB40-TB3			
D314	6-500-522-21	DIODE 10EDB40-TB3			
D315	6-500-522-21	DIODE 10EDB40-TB3			

Ref. No.	Part No.	Description	Remark
D316	6-500-522-21	DIODE 10EDB40-TB3	
D317	8-719-988-61	DIODE 1SS355TE-17	
D318	8-719-085-36	DIODE 11EQS04-TB5	
D319	6-500-522-21	DIODE 10EDB40-TB3	
D320	6-500-522-21	DIODE 10EDB40-TB3	
D321	6-500-522-21	DIODE 10EDB40-TB3	
D322	6-500-522-21	DIODE 10EDB40-TB3	
D323	8-719-085-36	DIODE 11EQS04-TB5	
D324	8-719-988-61	DIODE 1SS355TE-17	
D325	8-719-988-61	DIODE 1SS355TE-17	
D364	8-719-988-61	DIODE 1SS355TE-17	
D366	8-719-988-61	DIODE 1SS355TE-17	
D371	8-719-988-61	DIODE 1SS355TE-17	
D374	8-719-988-61	DIODE 1SS355TE-17	
		< FERRITE BEAD >	
FB1	1-550-907-21	BEAD, FERRITE (CHIP)	
		< EARTH TERMINAL >	
* G1	1-537-738-21	TERMINAL, EARTH	
		< IC >	
IC201	6-702-130-01	IC HA12237F	
IC301	6-703-650-11	IC M61529FP-D60G	
IC304	8-759-710-97	IC NJM4565M-D	
IC305	8-759-400-67	IC AN7809	
IC306	6-701-760-01	IC uPC3504AHF	
IC308	8-759-400-67	IC AN7809	
IC309	6-704-046-01	IC BU2099FV	
IC310	6-704-046-01	IC BU2099FV	
IC313	8-759-231-57	IC TA7810S	
		< JACK >	
JK302	1-794-935-11	JACK, PIN 2P (MD(VIDEO)IN)	
		< JUMPER RESISTOR >	
JR124	1-216-864-11	METAL CHIP 0 5%	1/10W
JR329	1-216-864-11	METAL CHIP 0 5%	1/10W
JR330	1-216-864-11	METAL CHIP 0 5%	1/10W
JR331	1-216-864-11	METAL CHIP 0 5%	1/10W
JR332	1-216-864-11	METAL CHIP 0 5%	1/10W
JR333	1-216-864-11	METAL CHIP 0 5%	1/10W
JR339	1-216-864-11	METAL CHIP 0 5%	1/10W
JR341	1-216-864-11	METAL CHIP 0 5%	1/10W
JR343	1-216-864-11	METAL CHIP 0 5%	1/10W
JR344	1-216-864-11	METAL CHIP 0 5%	1/10W
JR453	1-216-864-11	METAL CHIP 0 5%	1/10W
		< COIL >	
L201	1-437-220-11	TRANSFORMER, BIAS OSCILLATION	
L301	1-410-527-11	INDUCTOR 100uH	
		< IC >	
PH301	8-749-019-25	IC TOTX141 (DIGITAL OUT)	

Ref. No.	Part No.	Description	Remark
		< TRANSISTOR >	
Q210	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q211	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q212	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q218	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q219	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q220	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q221	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q222	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q223	8-729-142-47	TRANSISTOR 2SC2001-LK	
Q225	6-550-289-01	TRANSISTOR 2SA1235F	
Q228	8-729-141-87	TRANSISTOR 2SB1116A-L	
Q301	6-550-296-01	TRANSISTOR 2SA1980G	
Q302	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q304	8-729-041-19	TRANSISTOR 2SA953-T-K	
Q310	8-729-052-79	TRANSISTOR 2SD1306NETL	
Q311	8-729-052-79	TRANSISTOR 2SD1306NETL	
Q312	6-550-289-01	TRANSISTOR 2SA1235F	
Q321	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q322	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q324	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q329	6-550-289-01	TRANSISTOR 2SA1235F	
Q330	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF	
Q331	6-550-289-01	TRANSISTOR 2SA1235F	
Q371	8-729-142-47	TRANSISTOR 2SC2001-LK	
Q373	8-729-142-47	TRANSISTOR 2SC2001-LK	
		< RESISTOR >	
R101	1-216-833-11	METAL CHIP 10K 5%	1/10W
R102	1-216-833-11	METAL CHIP 10K 5%	1/10W
R215	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R216	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R218	1-216-849-11	METAL CHIP 220K 5%	1/10W
R219	1-216-833-11	METAL CHIP 10K 5%	1/10W
R220	1-216-833-11	METAL CHIP 10K 5%	1/10W
R225	1-216-833-11	METAL CHIP 10K 5%	1/10W
R226	1-216-833-11	METAL CHIP 10K 5%	1/10W
R231	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R232	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R233	1-216-837-11	METAL CHIP 22K 5%	1/10W
R234	1-216-837-11	METAL CHIP 22K 5%	1/10W
R235	1-216-833-11	METAL CHIP 10K 5%	1/10W
R236	1-216-821-11	METAL CHIP 1K 5%	1/10W
R237	1-216-857-11	METAL CHIP 1M 5%	1/10W
R238	1-216-853-11	METAL CHIP 470K 5%	1/10W
R239	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R241	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R242	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R245	1-216-833-11	METAL CHIP 10K 5%	1/10W
R246	1-216-841-11	METAL CHIP 47K 5%	1/10W
R249	1-216-853-11	METAL CHIP 470K 5%	1/10W
R250	1-216-849-11	METAL CHIP 220K 5%	1/10W
R251	1-216-797-91	METAL CHIP 10 5%	1/10W
R252	1-216-837-11	METAL CHIP 22K 5%	1/10W
R253	1-216-833-11	METAL CHIP 10K 5%	1/10W
R256	1-216-833-11	METAL CHIP 10K 5%	1/10W
R257	1-216-817-11	METAL CHIP 470 5%	1/10W
R258	1-216-809-11	METAL CHIP 100 5%	1/10W

MAIN

Ref. No.	Part No.	Description			Remark
R260	1-216-809-11	METAL CHIP	100	5%	1/10W
R261	1-216-817-11	METAL CHIP	470	5%	1/10W
R262	1-216-845-11	METAL CHIP	100K	5%	1/10W
R263	1-216-833-11	METAL CHIP	10K	5%	1/10W
R264	1-216-833-11	METAL CHIP	10K	5%	1/10W
R265	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R266	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R267	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R268	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R269	1-216-833-11	METAL CHIP	10K	5%	1/10W
R270	1-216-833-11	METAL CHIP	10K	5%	1/10W
R271	1-216-833-11	METAL CHIP	10K	5%	1/10W
R272	1-216-833-11	METAL CHIP	10K	5%	1/10W
R273	1-216-833-11	METAL CHIP	10K	5%	1/10W
R278	1-216-837-11	METAL CHIP	22K	5%	1/10W
R282	1-216-809-11	METAL CHIP	100	5%	1/10W
R283	1-216-833-11	METAL CHIP	10K	5%	1/10W
R284	1-216-833-11	METAL CHIP	10K	5%	1/10W
R285	1-216-833-11	METAL CHIP	10K	5%	1/10W
R286	1-216-833-11	METAL CHIP	10K	5%	1/10W
R287	1-216-833-11	METAL CHIP	10K	5%	1/10W
R288	1-216-833-11	METAL CHIP	10K	5%	1/10W
R299	1-216-833-11	METAL CHIP	10K	5%	1/10W
R301	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R302	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R303	1-216-837-11	METAL CHIP	22K	5%	1/10W
R304	1-216-837-11	METAL CHIP	22K	5%	1/10W
R305	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R306	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R307	1-216-809-11	METAL CHIP	100	5%	1/10W
R309	1-216-833-11	METAL CHIP	10K	5%	1/10W
R310	1-216-833-11	METAL CHIP	10K	5%	1/10W
R311	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R312	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R313	1-216-845-11	METAL CHIP	100K	5%	1/10W
R314	1-216-845-11	METAL CHIP	100K	5%	1/10W
R316	1-216-833-11	METAL CHIP	10K	5%	1/10W
R317	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R318	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R319	1-216-819-91	METAL CHIP	680	5%	1/10W
R320	1-216-819-91	METAL CHIP	680	5%	1/10W
R321	1-216-833-11	METAL CHIP	10K	5%	1/10W
R322	1-216-833-11	METAL CHIP	10K	5%	1/10W
R323	1-216-821-11	METAL CHIP	1K	5%	1/10W
R324	1-216-809-11	METAL CHIP	100	5%	1/10W
R325	1-216-833-11	METAL CHIP	10K	5%	1/10W
R326	1-216-833-11	METAL CHIP	10K	5%	1/10W
R327	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R328	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R329	1-216-805-91	METAL CHIP	47	5%	1/8W
R330	1-216-833-11	METAL CHIP	10K	5%	1/10W
R341	1-216-821-11	METAL CHIP	1K	5%	1/10W
R344	1-216-841-11	METAL CHIP	47K	5%	1/10W
R345	1-216-841-11	METAL CHIP	47K	5%	1/10W
R346	1-216-837-11	METAL CHIP	22K	5%	1/10W
R348	1-216-837-11	METAL CHIP	22K	5%	1/10W
R352	1-218-717-11	METAL CHIP	11K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R353	1-218-717-11	METAL CHIP	11K	5%	1/10W
R354	1-216-841-11	METAL CHIP	47K	5%	1/10W
R355	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R356	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R358	1-216-837-11	METAL CHIP	22K	5%	1/10W
R360	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R361	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R362	1-216-837-11	METAL CHIP	22K	5%	1/10W
R363	1-216-837-11	METAL CHIP	22K	5%	1/10W
R364	1-216-845-11	METAL CHIP	100K	5%	1/10W
R365	1-216-857-11	METAL CHIP	1M	5%	1/10W
R368	1-216-809-11	METAL CHIP	100	5%	1/10W
R369	1-216-809-11	METAL CHIP	100	5%	1/10W
R371	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R372	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R373	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R374	1-216-841-11	METAL CHIP	47K	5%	1/10W
R377	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R378	1-216-833-11	METAL CHIP	10K	5%	1/10W
R379	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R380	1-216-853-11	METAL CHIP	470K	5%	1/10W
R384	1-218-717-11	METAL CHIP	11K	5%	1/10W
R386	1-216-833-11	METAL CHIP	10K	5%	1/10W
R387	1-216-834-11	METAL CHIP	12K	5%	1/10W
R388	1-216-821-11	METAL CHIP	1K	5%	1/10W
R390	1-216-833-11	METAL CHIP	10K	5%	1/10W
R395	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R396	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R397	1-216-833-11	METAL CHIP	10K	5%	1/10W
R398	1-216-833-11	METAL CHIP	10K	5%	1/10W
R399	1-216-833-11	METAL CHIP	10K	5%	1/10W
R400	1-216-833-11	METAL CHIP	10K	5%	1/10W
R401	1-216-833-11	METAL CHIP	10K	5%	1/10W
R402	1-216-833-11	METAL CHIP	10K	5%	1/10W
R404	1-216-833-11	METAL CHIP	10K	5%	1/10W
R405	1-216-833-11	METAL CHIP	10K	5%	1/10W
R406	1-216-837-11	METAL CHIP	22K	5%	1/10W
R407	1-216-833-11	METAL CHIP	10K	5%	1/10W
R408	1-216-833-11	METAL CHIP	10K	5%	1/10W
R409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R410	1-216-833-11	METAL CHIP	10K	5%	1/10W
R420	1-216-833-11	METAL CHIP	10K	5%	1/10W
R421	1-216-833-11	METAL CHIP	10K	5%	1/10W
R422	1-216-806-11	METAL CHIP	56	5%	1/10W
R423	1-216-806-11	METAL CHIP	56	5%	1/10W
R424	1-216-837-11	METAL CHIP	22K	5%	1/10W
R425	1-216-837-11	METAL CHIP	22K	5%	1/10W
R426	1-216-837-11	METAL CHIP	22K	5%	1/10W
R427	1-216-134-00	METAL CHIP	2.2	5%	1/8W
R428	1-216-134-00	METAL CHIP	2.2	5%	1/8W
R429	1-216-821-11	METAL CHIP	1K	5%	1/10W
R430	1-216-833-11	METAL CHIP	10K	5%	1/10W
R431	1-216-847-11	METAL CHIP	150K	5%	1/10W
R432	1-216-809-11	METAL CHIP	100	5%	1/10W
⚠R433	1-215-916-51	METAL OXIDE	680	5%	3W F
⚠R434	1-215-916-51	METAL OXIDE	680	5%	3W F
R435	1-216-857-11	METAL CHIP	1M	5%	1/10W
R455	1-218-717-11	METAL CHIP	11K	5%	1/10W

Os componentes indicados com a marca ⚠ são críticos para segurança Somente os substitua por peças indicadas nesse manual.

Ref. No.	Part No.	Description			Remark
R456	1-218-717-11	METAL CHIP	11K	5%	1/10W
R457	1-216-837-11	METAL CHIP	22K	5%	1/10W
R459	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R460	1-216-821-11	METAL CHIP	1K	5%	1/10W
R461	1-216-821-11	METAL CHIP	1K	5%	1/10W
R465	1-216-837-11	METAL CHIP	22K	5%	1/10W
R466	1-216-837-11	METAL CHIP	22K	5%	1/10W
R480	1-216-833-11	METAL CHIP	10K	5%	1/10W
R481	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R482	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R483	1-216-821-11	METAL CHIP	1K	5%	1/10W
R484	1-216-833-11	METAL CHIP	10K	5%	1/10W
R486	1-216-809-11	METAL CHIP	100	5%	1/10W
R487	1-216-134-00	METAL CHIP	2.2	5%	1/8W
R488	1-216-134-00	METAL CHIP	2.2	5%	1/8W
R498	1-216-833-11	METAL CHIP	10K	5%	1/10W
R499	1-216-833-11	METAL CHIP	10K	5%	1/10W
**********					
	1-687-133-11	MOTOR (LD) BOARD			
		**********			
**********					
	1-687-134-11	MOTOR (TB) BOARD			
		**********			
		< CONNECTOR >			
CN742	1-784-727-11	CONNECTOR, FFC 5P			
**********					
	Y-8284-109-A	PLACA PAINEL MONTADA			
		**********			
	4-244-902-01	FL HOLDER (L)			
	4-244-903-01	FL HOLDER (R)			
		< CAPACITOR >			
C601	1-124-247-11	ELECT	10uF	20%	35V
C602	1-124-247-11	ELECT	10uF	20%	35V
C603	1-124-589-11	ELECT	47uF	20%	16V
C604	1-124-261-00	ELECT	10uF	20%	50V
C611	1-126-916-11	ELECT	1000uF	20%	6.3V
C612	1-115-156-11	CERAMIC CHIP	1uF		10V
C614	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C615	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C616	1-115-156-11	CERAMIC CHIP	1uF		10V
C617	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C618	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C619	1-124-234-00	ELECT	22uF	20%	16V
C620	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C621	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C622	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C635	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C636	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C637	1-126-957-11	ELECT	0.22uF	20%	50V
C638	1-124-464-11	ELECT	0.22uF	20%	50V
C639	1-126-947-11	ELECT	47uF	20%	35V
C640	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

Ref. No.	Part No.	Description			Remark
C641	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C642	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C643	1-115-156-11	CERAMIC CHIP	1uF		10V
C644	1-124-234-00	ELECT	22uF	20%	16V
C646	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C647	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C648	1-124-257-00	ELECT	2.2uF	20%	50V
C649	1-124-234-00	ELECT	22uF	20%	16V
C650	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
CN601	1-784-753-11	CONNECTOR, FFC 31P			
CN602	1-784-731-11	CONNECTOR, FFC 9P			
CN603	1-816-422-11	PIN, CONNECTOR 3P			
CN605	1-784-735-11	CONNECTOR, FFC 13P			
* CN606	1-564-709-11	PIN, CONNECTOR (SMALL TYPE) 7P			
		< DIODE >			
D606	8-719-988-61	DIODE 1SS355TE-17			
D608	8-719-988-61	DIODE 1SS355TE-17			
D614	8-719-988-61	DIODE 1SS355TE-17			
D615	8-719-988-61	DIODE 1SS355TE-17			
D616	8-719-988-61	DIODE 1SS355TE-17			
D617	8-719-988-61	DIODE 1SS355TE-17			
D618	8-719-988-61	DIODE 1SS355TE-17			
D619	8-719-988-61	DIODE 1SS355TE-17			
D620	8-719-988-61	DIODE 1SS355TE-17			
D621	8-719-988-61	DIODE 1SS355TE-17			
D622	8-719-988-61	DIODE 1SS355TE-17			
D623	8-719-988-61	DIODE 1SS355TE-17			
D624	8-719-988-61	DIODE 1SS355TE-17			
D625	8-719-988-61	DIODE 1SS355TE-17			
D626	8-719-083-61	DIODE UDZS-TE17-11B			
D627	8-719-988-61	DIODE 1SS355TE-17			
D628	8-719-988-61	DIODE 1SS355TE-17			
D629	8-719-988-61	DIODE 1SS355TE-17			
D630	8-719-988-61	DIODE 1SS355TE-17			
D631	8-719-988-61	DIODE 1SS355TE-17			
D633	8-719-988-61	DIODE 1SS355TE-17			
D634	8-719-988-61	DIODE 1SS355TE-17			
		< COIL >			
FB602	1-412-473-21	INDUCTOR (SMALL TYPE)			
		< FLUORESCENT INDICATOR >			
FLD601	1-518-871-11	INDICATOR TUBE, FLUORESCENT			
		< IC >			
IC601	6-803-328-01	IC LC876796B-51Y1-E			
IC602	6-704-045-01	IC MM1574A			
IC603	8-759-533-04	IC M62703ML-E1			
		< JUMPER RESISTOR >			
JR604	1-216-864-11	METAL CHIP	0	5%	1/10W
JR605	1-216-864-11	METAL CHIP	0	5%	1/10W
JR606	1-216-864-11	METAL CHIP	0	5%	1/10W

PANEL

Ref. No.	Part No.	Description			Remark
JR607	1-216-864-11	METAL CHIP	0	5%	1/10W
JR608	1-216-864-11	METAL CHIP	0	5%	1/10W
JR609	1-216-864-11	METAL CHIP	0	5%	1/10W
JR610	1-216-864-11	METAL CHIP	0	5%	1/10W
JR611	1-216-864-11	METAL CHIP	0	5%	1/10W
JR613	1-216-864-11	METAL CHIP	0	5%	1/10W
JR614	1-216-864-11	METAL CHIP	0	5%	1/10W
JR615	1-216-864-11	METAL CHIP	0	5%	1/10W
JR617	1-216-864-11	METAL CHIP	0	5%	1/10W
JR620	1-216-864-11	METAL CHIP	0	5%	1/10W
JR621	1-216-864-11	METAL CHIP	0	5%	1/10W
JR622	1-216-864-11	METAL CHIP	0	5%	1/10W
JR624	1-216-864-11	METAL CHIP	0	5%	1/10W
JR625	1-216-864-11	METAL CHIP	0	5%	1/10W
JR626	1-216-864-11	METAL CHIP	0	5%	1/10W
		< DIODE >			
LED607	8-719-071-41	LED SELS5923C-TP15(CD)			
LED608	8-719-071-41	LED SELS5923C-TP15(TUNER/BAND)			
LED609	8-719-071-41	LED SELS5923C-TP15 (TAPE A/B)			
LED610	8-719-071-41	LED SELS5923C-TP15 (GAME)			
LED612	8-719-071-41	LED SELS5923C-TP15 (MD(VIDEO))			
LED614	8-719-071-44	LED SELS5223C-TP15 (POWER)			
		< TRANSISTOR >			
Q601	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q602	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q603	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q604	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q605	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q607	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q609	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q610	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q616	8-729-141-87	TRANSISTOR 2SB1116A-L			
Q617	8-729-141-87	TRANSISTOR 2SB1116A-L			
Q618	8-729-116-60	TRANSISTOR 2SB1068-L			
		< RESISTOR >			
R030	1-216-809-11	METAL CHIP	100	5%	1/10W
R031	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R032	1-216-848-11	METAL CHIP	180K	5%	1/10W
R033	1-216-837-11	METAL CHIP	22K	5%	1/10W
R034	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R035	1-216-841-11	METAL CHIP	47K	5%	1/10W
R036	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R037	1-216-817-11	METAL CHIP	470	5%	1/10W
R039	1-216-809-11	METAL CHIP	100	5%	1/10W
R040	1-216-845-11	METAL CHIP	100K	5%	1/10W
R041	1-216-845-11	METAL CHIP	100K	5%	1/10W
R042	1-216-845-11	METAL CHIP	100K	5%	1/10W
R043	1-216-845-11	METAL CHIP	100K	5%	1/10W
R044	1-216-845-11	METAL CHIP	100K	5%	1/10W
R045	1-216-845-11	METAL CHIP	100K	5%	1/10W
R046	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R047	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R048	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R049	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R050	1-216-821-11	METAL CHIP	1K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R051	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R053	1-216-841-11	METAL CHIP	47K	5%	1/10W
R054	1-216-841-11	METAL CHIP	47K	5%	1/10W
R055	1-216-841-11	METAL CHIP	47K	5%	1/10W
R056	1-216-841-11	METAL CHIP	47K	5%	1/10W
R057	1-216-841-11	METAL CHIP	47K	5%	1/10W
R058	1-216-841-11	METAL CHIP	47K	5%	1/10W
R059	1-216-841-11	METAL CHIP	47K	5%	1/10W
R060	1-216-841-11	METAL CHIP	47K	5%	1/10W
R061	1-216-841-11	METAL CHIP	47K	5%	1/10W
R062	1-216-841-11	METAL CHIP	47K	5%	1/10W
R063	1-216-841-11	METAL CHIP	47K	5%	1/10W
R064	1-216-841-11	METAL CHIP	47K	5%	1/10W
R065	1-216-841-11	METAL CHIP	47K	5%	1/10W
R066	1-216-841-11	METAL CHIP	47K	5%	1/10W
R067	1-216-841-11	METAL CHIP	47K	5%	1/10W
R068	1-216-841-11	METAL CHIP	47K	5%	1/10W
R069	1-216-841-11	METAL CHIP	47K	5%	1/10W
R070	1-216-841-11	METAL CHIP	47K	5%	1/10W
R071	1-216-841-11	METAL CHIP	47K	5%	1/10W
R072	1-216-841-11	METAL CHIP	47K	5%	1/10W
R073	1-216-841-11	METAL CHIP	47K	5%	1/10W
R074	1-216-841-11	METAL CHIP	47K	5%	1/10W
R075	1-216-841-11	METAL CHIP	47K	5%	1/10W
R076	1-216-841-11	METAL CHIP	47K	5%	1/10W
R077	1-216-841-11	METAL CHIP	47K	5%	1/10W
R078	1-216-841-11	METAL CHIP	47K	5%	1/10W
R079	1-216-841-11	METAL CHIP	47K	5%	1/10W
R080	1-216-841-11	METAL CHIP	47K	5%	1/10W
R081	1-216-841-11	METAL CHIP	47K	5%	1/10W
R082	1-216-841-11	METAL CHIP	47K	5%	1/10W
R083	1-216-841-11	METAL CHIP	47K	5%	1/10W
R084	1-216-841-11	METAL CHIP	47K	5%	1/10W
R085	1-216-841-11	METAL CHIP	47K	5%	1/10W
R086	1-216-841-11	METAL CHIP	47K	5%	1/10W
R087	1-216-820-11	METAL CHIP	820	5%	1/10W
R088	1-216-820-11	METAL CHIP	820	5%	1/10W
R089	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R090	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R601	1-216-839-11	METAL CHIP	33K	5%	1/10W
R603	1-216-843-11	METAL CHIP	68K	5%	1/10W
R604	1-216-833-11	METAL CHIP	10K	5%	1/10W
R605	1-216-833-11	METAL CHIP	10K	5%	1/10W
R606	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R607	1-216-849-11	METAL CHIP	220K	5%	1/10W
R609	1-216-833-11	METAL CHIP	10K	5%	1/10W
R610	1-216-835-11	METAL CHIP	15K	5%	1/10W
R611	1-216-809-11	METAL CHIP	100	5%	1/10W
R612	1-216-809-11	METAL CHIP	100	5%	1/10W
R613	1-216-821-11	METAL CHIP	1K	5%	1/10W
R614	1-216-821-11	METAL CHIP	1K	5%	1/10W
R615	1-216-821-11	METAL CHIP	1K	5%	1/10W
R616	1-216-817-11	METAL CHIP	470	5%	1/10W
R623	1-216-198-11	RES-CHIP	1K	5%	1/8W

Ref. No.	Part No.	Description			Remark
R623	1-216-198-11	RES-CHIP	1K	5%	1/10W
R624	1-216-835-11	METAL CHIP	15K	5%	1/10W
R625	1-216-817-11	METAL CHIP	470	5%	1/10W
R626	1-216-819-11	METAL CHIP	680	5%	1/10W
R627	1-216-821-11	METAL CHIP	1K	5%	1/10W
R628	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R629	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R630	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R631	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R632	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R633	1-218-867-11	METAL CHIP	6.8K	5%	1/10W
R634	1-216-833-11	METAL CHIP	10K	5%	1/10W
R635	1-216-198-11	RES-CHIP	1K	5%	1/8W
R635	1-216-817-11	METAL CHIP	470	5%	1/10W
R636	1-216-821-11	METAL CHIP	1K	5%	1/10W
R637	1-216-843-11	METAL CHIP	68K	5%	1/10W
R638	1-216-835-11	METAL CHIP	15K	5%	1/10W
R639	1-216-817-11	METAL CHIP	470	5%	1/10W
R640	1-216-819-11	METAL CHIP	680	5%	1/10W
R641	1-216-821-11	METAL CHIP	1K	5%	1/10W
R642	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R643	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R644	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R645	1-216-198-11	RES-CHIP	1K	5%	1/8W
R646	1-216-849-11	METAL CHIP	220K	5%	1/10W
R647	1-200-397-11	METAL	4.7M	5%	1/10W
R648	1-216-819-11	METAL CHIP	680	5%	1/10W
R649	1-216-198-11	RES-CHIP	1K	5%	1/8W
R650	1-216-843-11	METAL CHIP	68K	5%	1/10W
R651	1-216-833-11	METAL CHIP	10K	5%	1/10W
R652	1-216-809-11	METAL CHIP	100	5%	1/10W
R653	1-216-805-11	METAL CHIP	47	5%	1/10W
R654	1-216-833-11	METAL CHIP	10K	5%	1/10W
R655	1-216-841-11	METAL CHIP	47K	5%	1/10W
R656	1-216-841-11	METAL CHIP	47K	5%	1/10W
R657	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R658	1-216-833-11	METAL CHIP	10K	5%	1/10W
R659	1-216-833-11	METAL CHIP	10K	5%	1/10W
R660	1-216-835-11	METAL CHIP	15K	5%	1/10W
R661	1-216-837-11	METAL CHIP	22K	5%	1/10W
R662	1-216-819-11	METAL CHIP	680	5%	1/10W
R663	1-216-821-11	METAL CHIP	1K	5%	1/10W
R664	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R665	1-216-809-11	METAL CHIP	100	5%	1/10W
R666	1-216-841-11	METAL CHIP	47K	5%	1/10W
R667	1-216-813-11	METAL CHIP	220	5%	1/10W
R668	1-216-809-11	METAL CHIP	100	5%	1/10W
R669	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R670	1-216-845-11	METAL CHIP	100K	5%	1/10W
R671	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R672	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R673	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R674	1-216-839-11	METAL CHIP	33K	5%	1/10W
R675	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R676	1-216-821-11	METAL CHIP	1K	5%	1/10W
R677	1-216-851-11	METAL CHIP	330K	5%	1/10W
R678	1-216-841-11	METAL CHIP	47K	5%	1/10W
R679	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R680	1-216-809-11	METAL CHIP	100	5%	1/10W
R681	1-216-833-11	METAL CHIP	10K	5%	1/10W
R682	1-218-867-11	METAL CHIP	6.8K	5%	1/10W
R683	1-216-833-11	METAL CHIP	10K	5%	1/10W
R684	1-216-835-11	METAL CHIP	15K	5%	1/10W
R685	1-216-837-11	METAL CHIP	22K	5%	1/10W
R686	1-218-867-11	METAL CHIP	6.8K	5%	1/10W
R687	1-216-833-11	METAL CHIP	10K	5%	1/10W
R688	1-216-835-11	METAL CHIP	15K	5%	1/10W
R689	1-216-837-11	METAL CHIP	22K	5%	1/10W
R690	1-216-839-11	METAL CHIP	33K	5%	1/10W
R691	1-216-833-11	METAL CHIP	10K	5%	1/10W
R692	1-216-809-11	METAL CHIP	100	5%	1/10W
R693	1-216-809-11	METAL CHIP	100	5%	1/10W
R694	1-216-809-11	METAL CHIP	100	5%	1/10W
R695	1-216-809-11	METAL CHIP	100	5%	1/10W
R696	1-216-809-11	METAL CHIP	100	5%	1/10W
R697	1-216-809-11	METAL CHIP	100	5%	1/10W
R698	1-216-809-11	METAL CHIP	100	5%	1/10W
R699	1-216-821-11	METAL CHIP	1K	5%	1/10W
R902	1-216-841-11	METAL CHIP	47K	5%	1/10W
R903	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R904	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R905	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R906	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R907	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R908	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R909	1-216-837-11	METAL CHIP	22K	5%	1/10W
R910	1-216-837-11	METAL CHIP	22K	5%	1/10W
R911	1-216-837-11	METAL CHIP	22K	5%	1/10W
R912	1-216-837-11	METAL CHIP	22K	5%	1/10W
R913	1-216-837-11	METAL CHIP	22K	5%	1/10W
R914	1-216-837-11	METAL CHIP	22K	5%	1/10W
R915	1-216-833-11	METAL CHIP	10K	5%	1/10W
R916	1-216-821-11	METAL CHIP	1K	5%	1/10W
R917	1-216-833-11	METAL CHIP	10K	5%	1/10W
R918	1-216-821-11	METAL CHIP	1K	5%	1/10W
R919	1-216-833-11	METAL CHIP	10K	5%	1/10W
R920	1-216-821-11	METAL CHIP	1K	5%	1/10W
R921	1-216-841-11	METAL CHIP	47K	5%	1/10W
R922	1-218-717-11	METAL CHIP	11K	5%	1/10W
R923	1-218-717-11	METAL CHIP	11K	5%	1/10W
R924	1-218-717-11	METAL CHIP	11K	5%	1/10W
R925	1-218-717-11	METAL CHIP	11K	5%	1/10W
R926	1-216-837-11	METAL CHIP	22K	5%	1/10W
R927	1-216-837-11	METAL CHIP	22K	5%	1/10W
R931	1-216-182-00	RES-CHIP	220	5%	1/8W
R932	1-216-813-11	METAL CHIP	220	5%	1/10W
R933	1-216-813-11	METAL CHIP	220	5%	1/10W
R934	1-216-813-11	METAL CHIP	220	5%	1/10W
R937	1-216-198-11	RES-CHIP	1K	5%	1/8W
R938	1-216-198-11	RES-CHIP	1K	5%	1/8W
R939	1-216-198-11	RES-CHIP	1K	5%	1/8W
R940	1-216-198-11	RES-CHIP	1K	5%	1/8W
R941	1-216-821-11	METAL CHIP	1K	5%	1/10W

MHC-RG550

PANEL | POWER AMP

Ref. No.	Part No.	Description	Remark
		< VIBRATOR >	
RES601	1-795-880-11	VIBRATOR, CERAMIC (8.64MHz)	
		< SWITCH >	
S601	1-762-875-21	SWITCH, KEYBOARD (▮▮)	
S602	1-762-875-21	SWITCH, KEYBOARD (■)	
S603	1-762-875-21	SWITCH, KEYBOARD (▶▶ +)	
S604	1-762-875-21	SWITCH, KEYBOARD (▶▶▮)	
S605	1-762-875-21	SWITCH, KEYBOARD (ALBUM +)	
S607	1-762-875-21	SWITCH, KEYBOARD (ALBUM –)	
S608	1-762-875-21	SWITCH, KEYBOARD (▮◀◀)	
S609	1-762-875-21	SWITCH, KEYBOARD (◀◀ –)	
S610	1-762-875-21	SWITCH, KEYBOARD (EDIT/DIRECTION)	
S611	1-762-875-21	SWITCH, KEYBOARD (FM MODE/REPEAT)	
S612	1-762-875-21	SWITCH, KEYBOARD (REC PAUSE/START)	
S613	1-762-875-21	SWITCH, KEYBOARD (GAME MIXING)	
S614	1-762-875-21	SWITCH, KEYBOARD (POWER)	
S615	1-762-875-21	SWITCH, KEYBOARD (DISPLAY)	
S616	1-762-875-21	SWITCH, KEYBOARD (◁▷)	
S617	1-762-875-21	SWITCH, KEYBOARD (DISC 1)	
S618	1-762-875-21	SWITCH, KEYBOARD (DISC 2)	
S619	1-762-875-21	SWITCH, KEYBOARD (DISC 3)	
S620	1-762-875-21	SWITCH, KEYBOARD (DISC SKIP/EX-CHANGE)	
S621	1-762-875-21	SWITCH, KEYBOARD (⏏)	
S622	1-762-875-21	SWITCH, KEYBOARD (EFFECT ON/OFF)	
S623	1-762-875-21	SWITCH, KEYBOARD (MOVIE EQ)	
S624	1-762-875-21	SWITCH, KEYBOARD (↑)	
S625	1-762-875-21	SWITCH, KEYBOARD (↓)	
S626	1-762-875-21	SWITCH, KEYBOARD (→)	
S627	1-762-875-21	SWITCH, KEYBOARD (CD)	
S628	1-762-875-21	SWITCH, KEYBOARD (TUNER/BAND)	
S629	1-762-875-21	SWITCH, KEYBOARD (TAPE A/B)	
S630	1-762-875-21	SWITCH, KEYBOARD (MD(VIDEO))	
S631	1-762-875-21	SWITCH, KEYBOARD (GAME)	
S632	1-762-875-21	SWITCH, KEYBOARD (SURROUND)	
S633	1-762-875-21	SWITCH, KEYBOARD (TUNER MEMORY/ PLAY MODE)	
S634	1-762-875-21	SWITCH, KEYBOARD (CD SYNC)	
S635	1-762-875-21	SWITCH, KEYBOARD (CLEAR)	
S636	1-762-875-21	SWITCH, KEYBOARD (ENTER)	
S637	1-762-875-21	SWITCH, KEYBOARD (MUSIC EQ)	
S638	1-762-875-21	SWITCH, KEYBOARD (GAME EQ)	
S639	1-762-875-21	SWITCH, KEYBOARD (GROOVE)	
S640	1-762-875-21	SWITCH, KEYBOARD (P FILE)	
S641	1-762-875-21	SWITCH, KEYBOARD (ILLUMINATION)	
S642	1-762-875-21	SWITCH, KEYBOARD (←)	
		< ROTARY ENCODER >	
VR601	1-477-194-11	ENCODER, ROTARY (12 TYPE) (VOLUME)	
		< VIBRATOR >	
X601	1-760-252-12	VIBRATOR, CRYSTAL (32.768kHz)	

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Ref. No.	Part No.	Description			Remark
	Y-8284-111-A	PLACA POWER AMP MONTADA			
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		< CAPACITOR >			
C1	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C4	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C5	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C6	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C7	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C8	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C9	1-127-814-11	ELECT	3300uF	20%	80V
C10	1-127-814-11	ELECT	3300uF	20%	80V
C11	1-119-940-51	ELECT	4700uF	20%	50V
C12	1-119-940-51	ELECT	4700uF	20%	50V
C13	1-104-665-11	ELECT	100uF	20%	25V
C22	1-126-959-11	ELECT	0.47uF	20%	50V
C23	1-126-957-11	ELECT	0.22uF	20%	50V
C24	1-126-947-11	ELECT	47uF	20%	25V
C25	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C26	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C30	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C31	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C33	1-128-552-51	ELECT	47uF	20%	63V
C34	1-128-552-51	ELECT	47uF	20%	63V
C35	1-164-344-11	CERAMIC CHIP	0.068uF	10%	25V
C37	1-128-552-51	ELECT	47uF	20%	63V
C40	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C41	1-128-552-51	ELECT	47uF	20%	63V
C42	1-162-945-11	CERAMIC CHIP	22PF	5%	50V
C43	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C45	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C501	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C502	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C503	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C504	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C505	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C506	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C507	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C508	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C509	1-164-733-11	CERAMIC CHIP	820PF	10%	50V
C510	1-164-733-11	CERAMIC CHIP	820PF	10%	50V
C511	1-126-966-11	ELECT	33uF	20%	35V
C512	1-126-966-11	ELECT	33uF	20%	35V
C513	1-126-965-11	ELECT	22uF	20%	50V
C514	1-126-965-11	ELECT	22uF	20%	50V
C517	1-126-960-11	ELECT	1uF	20%	50V
C518	1-126-960-11	ELECT	1uF	20%	50V
C519	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C520	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C521	1-126-961-11	ELECT	2.2uF	20%	50V
C522	1-126-961-11	ELECT	2.2uF	20%	50V
C523	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C524	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C525	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C526	1-164-156-11	CERAMIC CHIP	0.1uF		25V

Ref. No.	Part No.	Description			Remark
C527	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C529	1-126-961-11	ELECT	2.2uF	20%	50V
C530	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C531	1-104-665-11	ELECT	100uF	20%	10V
C532	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C533	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C534	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C535	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C538	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C540	1-107-693-91	CERAMIC CHIP	10uF	10%	50V
C541	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C542	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C543	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C544	1-165-319-11	CERAMIC CHIP	0.1uF		50V
		< CONNECTOR >			
CN501	1-778-981-21	CONNECTOR, BOARD TO BOARD 13P			
CN502	1-778-981-21	CONNECTOR, BOARD TO BOARD 13P			
		< DIODE >			
D1	6-500-340-01	DIODE G5SBA60L-6088			
D2	6-500-340-01	DIODE G5SBA60L-6088			
D11	8-719-988-61	DIODE 1SS355TE-17			
D12	6-500-334-01	DIODE MC2836			
D13	6-500-335-01	DIODE MC2838			
D16	6-500-335-01	DIODE MC2838			
D17	6-500-334-01	DIODE MC2836			
D18	6-500-335-01	DIODE MC2838			
D19	6-500-334-01	DIODE MC2836			
D20	6-500-335-01	DIODE MC2838			
D23	8-719-988-61	DIODE 1SS355TE-17			
D24	8-719-988-61	DIODE 1SS355TE-17			
D25	8-719-083-67	DIODE UDZS-TE17-20B			
D29	8-719-988-61	DIODE 1SS355TE-17			
D30	8-719-083-52	DIODE UDZS-TE17-16B			
D31	8-719-988-61	DIODE 1SS355TE-17			
D32	8-719-988-61	DIODE 1SS355TE-17			
D33	8-719-988-61	DIODE 1SS355TE-17			
D34	8-719-988-61	DIODE 1SS355TE-17			
D35	8-719-988-61	DIODE 1SS355TE-17			
D36	8-719-988-61	DIODE 1SS355TE-17			
D37	8-719-988-61	DIODE 1SS355TE-17			
D38	8-719-988-61	DIODE 1SS355TE-17			
D39	8-719-988-61	DIODE 1SS355TE-17			
D40	8-719-988-61	DIODE 1SS355TE-17			
D41	8-719-312-08	DIODE FMB-G16L			
D42	8-719-312-08	DIODE FMB-G16L			
D501	6-500-334-01	DIODE MC2836			
D502	6-500-334-01	DIODE MC2836			
D503	6-500-335-01	DIODE MC2838			
D504	6-500-335-01	DIODE MC2838			
D505	8-719-072-80	DIODE 1SS244-T-77			
D506	8-719-072-80	DIODE 1SS244-T-77			
D507	8-719-988-61	DIODE 1SS355TE-17			
D508	8-719-988-61	DIODE 1SS355TE-17			
D509	6-500-335-01	DIODE MC2838			
D510	6-500-334-01	DIODE MC2836			

Ref. No.	Part No.	Description			Remark
D511	8-719-988-61	DIODE 1SS355TE-17			
D513	8-719-988-61	DIODE 1SS355TE-17			
D514	8-719-988-61	DIODE 1SS355TE-17			
D515	8-719-083-70	DIODE UDZS-TE17-27B			
		< EARTH TERMINAL >			
* EP01	1-537-738-21	TERMINAL, EARTH			
* EP501	1-537-738-21	TERMINAL, EARTH			
		< TERMINAL BOARD >			
JK502	1-694-884-11	TERMINAL BOARD (4P) (SPEAKER)			
		< JUMPER RESISTOR >			
JR2	1-216-286-91	METAL CHIP	0	5%	1/8W
JR511	1-216-864-11	METAL CHIP	0	5%	1/10W
JR512	1-216-864-11	METAL CHIP	0	5%	1/10W
JR513	1-216-286-91	METAL CHIP	0	5%	1/8W
JR514	1-216-864-11	METAL CHIP	0	5%	1/10W
JR516	1-216-864-11	METAL CHIP	0	5%	1/10W
JR517	1-216-864-11	METAL CHIP	0	5%	1/10W
		< COIL >			
L501	1-420872-52	COIL, AIR-CORE			
L502	1-420872-52	COIL, AIR-CORE			
		< TRANSISTOR >			
Q5	6-550-289-01	TRANSISTOR 2SA1235F			
Q6	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q7	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q8	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q9	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q10	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q11	8-729-055-91	TRANSISTOR SRA2202SF			
Q12	6-550-645-01	TRANSISTOR 2SC3143K4-TB			
Q13	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q17	6-550-289-01	TRANSISTOR 2SA1235F			
Q18	6-550-040-01	FET 2SK3053			
Q19	6-550-040-01	FET 2SK3053			
Q20	6-550-317-01	TRANSISTOR 2SD814A(RS)			
Q21	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q22	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q23	6-550-289-01	TRANSISTOR 2SA1235F			
Q24	6-550-289-01	TRANSISTOR 2SA1235F			
Q501	6-550-310-01	TRANSISTOR 2SD2439A			
Q502	6-550-310-01	TRANSISTOR 2SD2439A			
Q503	6-550-389-01	TRANSISTOR 2SB1588A			
Q504	6-550-389-01	TRANSISTOR 2SB1588A			
Q505	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q506	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q507	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q508	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			

POWER AMP

Ref. No.	Part No.	Description			Remark
Q509	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q510	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q511	6-550-413-01	TRANSISTOR 2SC3478LK			
Q512	6-550-413-01	TRANSISTOR 2SC3478LK			
Q513	6-550-413-01	TRANSISTOR 2SC3478LK			
Q514	6-550-413-01	TRANSISTOR 2SC3478LK			
Q515	6-550-317-01	TRANSISTOR 2SD814A(RS)			
Q516	6-550-317-01	TRANSISTOR 2SD814A(RS)			
Q517	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q518	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q519	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q520	6-550-316-01	TRANSISTOR 2SB792A(RS)			
Q521	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q522	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q523	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q524	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q525	8-729-052-79	TRANSISTOR 2SD1306NETL			
Q526	8-729-052-79	TRANSISTOR 2SD1306NETL			
Q527	6-550-289-01	TRANSISTOR 2SA1235F			
Q529	8-729-600-91	TRANSISTOR 2SC3052F-T1-LF			
Q530	6-550-289-01	TRANSISTOR 2SA1235F			
Q533	6-550-296-01	TRANSISTOR 2SA1980G			
Q534	6-550-296-01	TRANSISTOR 2SA1980G			
Q535	6-550-296-01	TRANSISTOR 2SA1980G			
Q536	6-550-289-01	TRANSISTOR 2SA1235F			
		< RESISTOR >			
R4	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6	1-216-838-11	METAL CHIP	27K	5%	1/10W
R7	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8	1-216-838-11	METAL CHIP	27K	5%	1/10W
R9	1-216-839-11	METAL CHIP	33K	5%	1/10W
R12	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R13	1-216-206-00	RES-CHIP	2.2K	5%	1/8W
R14	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R16	1-216-821-11	METAL CHIP	1K	5%	1/10W
R17	1-216-821-11	METAL CHIP	1K	5%	1/10W
R18	1-216-809-11	METAL CHIP	100	5%	1/10W
R19	1-216-835-11	METAL CHIP	15K	5%	1/10W
R20	1-216-833-11	METAL CHIP	10K	5%	1/10W
R21	1-216-835-11	METAL CHIP	15K	5%	1/10W
R22	1-216-839-11	METAL CHIP	33K	5%	1/10W
R23	1-216-839-11	METAL CHIP	33K	5%	1/10W
R26	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R27	1-216-833-11	METAL CHIP	10K	5%	1/10W
R29	1-216-138-00	METAL CHIP	3.3	5%	1/8W
R31	1-216-138-00	METAL CHIP	3.3	5%	1/8W
R32	1-216-840-11	METAL CHIP	39K	5%	1/10W
R33	1-216-839-11	METAL CHIP	33K	5%	1/10W
R34	1-218-296-11	METAL CHIP	75K	5%	1/10W
R35	1-216-840-11	METAL CHIP	39K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R36	1-216-839-11	METAL CHIP	33K	5%	1/10W
R37	1-218-296-11	METAL CHIP	75K	5%	1/10W
R38	1-216-833-11	METAL CHIP	10K	5%	1/10W
R39	1-216-845-11	METAL CHIP	100K	5%	1/10W
R40	1-216-833-11	METAL CHIP	10K	5%	1/10W
R41	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R42	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R43	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R44	1-216-236-11	RES-CHIP	39K	5%	1/8W
R45	1-216-841-11	METAL CHIP	47K	5%	1/10W
R46	1-216-841-11	METAL CHIP	47K	5%	1/10W
R47	1-216-837-11	METAL CHIP	22K	5%	1/10W
R48	1-216-849-11	METAL CHIP	220K	5%	1/10W
R49	1-216-849-11	METAL CHIP	220K	5%	1/10W
R50	1-216-833-11	METAL CHIP	10K	5%	1/10W
R51	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R52	1-216-841-11	METAL CHIP	47K	5%	1/10W
R53	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R54	1-216-835-11	METAL CHIP	15K	5%	1/10W
R55	1-260-101-11	CARBON	1.5K	5%	1/2W F
R56	1-249-420-11	CARBON	1.8K	5%	1/4W
R58	1-216-186-00	RES-CHIP	330	5%	1/8W
R59	1-216-184-00	RES-CHIP	270	5%	1/8W
R60	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R61	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R62	1-216-834-11	METAL CHIP	12K	5%	1/10W
R63	1-216-834-11	METAL CHIP	12K	5%	1/10W
R64	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R65	1-216-833-11	METAL CHIP	10K	5%	1/10W
R66	1-216-833-11	METAL CHIP	10K	5%	1/10W
R67	1-216-841-11	METAL CHIP	47K	5%	1/10W
R68	1-216-833-11	METAL CHIP	10K	5%	1/10W
R69	1-216-833-11	METAL CHIP	10K	5%	1/10W
R70	1-216-835-11	METAL CHIP	15K	5%	1/10W
R71	1-216-835-11	METAL CHIP	15K	5%	1/10W
R72	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R73	1-216-236-11	RES-CHIP	39K	5%	1/8W
R74	1-216-238-11	RES-CHIP	47K	5%	1/8W
R75	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R76	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R77	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R78	1-216-234-00	RES-CHIP	33K	5%	1/8W
R79	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R81	1-260-111-11	CARBON	10K	5%	1/2W F
R82	1-216-833-11	METAL CHIP	10K	5%	1/10W
R83	1-216-208-00	RES-CHIP	2.7K	5%	1/8W
R85	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R86	1-260-105-11	CARBON	3.3K	5%	1/2W F
R90	1-216-222-00	RES-CHIP	10K	5%	1/8W
R91	1-216-178-00	RES-CHIP	150	5%	1/8W
R92	1-260-105-11	CARBON	3.3K	5%	1/2W F
R93	1-216-206-00	RES-CHIP	2.2K	5%	1/8W
R94	1-216-833-11	METAL CHIP	10K	5%	1/10W
R95	1-260-111-11	CARBON	10K	5%	1/2W F
R96	1-216-214-00	RES-CHIP	4.7K	5%	1/8W
R97	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R98	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R99	1-260-105-11	CARBON	3.3K	5%	1/2W F
R100	1-216-138-00	METAL CHIP	3.3	5%	1/8W
R102	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R103	1-216-244-00	RES-CHIP	82K	5%	1/8W
R104	1-216-244-00	RES-CHIP	82K	5%	1/8W
R105	1-216-244-00	RES-CHIP	82K	5%	1/8W
R106	1-216-244-00	RES-CHIP	82K	5%	1/8W
R107	1-216-244-00	RES-CHIP	82K	5%	1/8W
R108	1-216-244-00	RES-CHIP	82K	5%	1/8W
R109	1-216-244-00	RES-CHIP	82K	5%	1/8W
R110	1-216-244-00	RES-CHIP	82K	5%	1/8W
R500	1-216-821-41	METAL CHIP	1K	5%	1/10W
⚠R501	1-245-545-11	METAL OXIDE	0.22	5%	3W F
⚠R503	1-245-545-41	METAL OXIDE	0.22	5%	3W F
⚠R504	1-245-545-41	METAL OXIDE	0.22	5%	3W F
R505	1-216-809-11	METAL CHIP	100	5%	1/10W
R506	1-216-809-11	METAL CHIP	100	5%	1/10W
R507	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R508	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R509	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R510	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R511	1-216-821-11	METAL CHIP	1K	5%	1/10W
R512	1-216-821-11	METAL CHIP	1K	5%	1/10W
R513	1-216-835-11	METAL CHIP	15K	5%	1/10W
R514	1-216-835-11	METAL CHIP	15K	5%	1/10W
R515	1-216-815-11	METAL CHIP	330	5%	1/10W
R516	1-216-815-11	METAL CHIP	330	5%	1/10W
R517	1-216-804-11	METAL CHIP	39	5%	1/10W
R518	1-216-804-11	METAL CHIP	39	5%	1/10W
R519	1-216-804-11	METAL CHIP	39	5%	1/10W
R520	1-216-804-11	METAL CHIP	39	5%	1/10W
R521	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R522	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R523	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R524	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R525	1-216-821-11	METAL CHIP	1K	5%	1/10W
R526	1-216-821-11	METAL CHIP	1K	5%	1/10W
R527	1-216-841-11	METAL CHIP	47K	5%	1/10W
R528	1-216-841-11	METAL CHIP	47K	5%	1/10W
R529	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R530	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R531	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R532	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R533	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R534	1-216-809-11	METAL CHIP	100	5%	1/10W
R535	1-216-809-11	METAL CHIP	100	5%	1/10W
R536	1-216-809-11	METAL CHIP	100	5%	1/10W
R537	1-260-328-11	CARBON	1K	5%	1/2W F
R538	1-260-328-11	CARBON	1K	5%	1/2W F
R539	1-216-833-11	METAL CHIP	10K	5%	1/10W
R540	1-216-833-11	METAL CHIP	10K	5%	1/10W
R541	1-216-206-00	RES-CHIP	2.2K	5%	1/8W
R542	1-216-206-00	RES-CHIP	2.2K	5%	1/8W
R543	1-216-206-00	RES-CHIP	2.2K	5%	1/8W
R544	1-216-206-00	RES-CHIP	2.2K	5%	1/8W
R545	1-216-809-11	METAL CHIP	100	5%	1/10W
R546	1-216-809-11	METAL CHIP	100	5%	1/10W
R547	1-216-838-11	METAL CHIP	27K	5%	1/10W
R548	1-216-838-11	METAL CHIP	27K	5%	1/10W
R549	1-216-818-11	METAL CHIP	560	5%	1/10W
R550	1-216-818-11	METAL CHIP	560	5%	1/10W
R553	1-216-838-11	METAL CHIP	27K	5%	1/10W
R554	1-216-838-11	METAL CHIP	27K	5%	1/10W
R555	1-216-841-11	METAL CHIP	47K	5%	1/10W
R556	1-216-841-11	METAL CHIP	47K	5%	1/10W
R557	1-216-821-11	METAL CHIP	1K	5%	1/10W
R558	1-216-821-11	METAL CHIP	1K	5%	1/10W
R559	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R560	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R561	1-216-843-11	METAL CHIP	68K	5%	1/10W
R562	1-216-857-11	METAL CHIP	1M	5%	1/10W
R563	1-216-214-00	RES-CHIP	4.7K	5%	1/8W
R564	1-216-214-00	RES-CHIP	4.7K	5%	1/8W
R567	1-216-214-00	RES-CHIP	4.7K	5%	1/8W
R568	1-216-214-00	RES-CHIP	4.7K	5%	1/8W
R569	1-216-853-11	METAL CHIP	470K	5%	1/10W
R570	1-260-076-21	CARBON	10	5%	1/2W F
R571	1-260-076-21	CARBON	10	5%	1/2W F
R574	1-216-182-00	RES-CHIP	220	5%	1/8W
R575	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R576	1-216-837-11	METAL CHIP	22K	5%	1/10W
R577	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R578	1-216-182-00	RES-CHIP	220	5%	1/8W
R580	1-216-150-11	RES-CHIP	10	5%	1/8W
R581	1-216-246-00	RES-CHIP	100K	5%	1/8W
R589	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R591	1-216-841-11	METAL CHIP	47K	5%	1/10W
R592	1-216-835-11	METAL CHIP	15K	5%	1/10W
R593	1-216-833-11	METAL CHIP	10K	5%	1/10W
R594	1-216-833-11	METAL CHIP	10K	5%	1/10W

Os componentes indicados com a marca ⚠ são críticos para segurança Somente os substitua por peças indicadas nesse manual.

POWER AMP | REMOTE | SENSOR | SW | TRANS | VIDEO OUT | 6 STREAM LED

Ref. No.	Part No.	Description			Remark
⚠R596	1-245-545-41	METAL OXIDE	22	5% 2W F	
R599	1-216-841-11	METAL CHIP	47K	5% 1/10W	
R601	1-216-156-00	RES-CHIP	18	5% 1/8W	
R602	1-216-156-00	RES-CHIP	18	5% 1/8W	
R603	1-216-156-00	RES-CHIP	18	5% 1/8W	
R604	1-216-156-00	RES-CHIP	18	5% 1/8W	
		< RELAY >			
RY501	1-755-373-11	RELAY			
		< THERMISTOR >			
TH501	1-805-217-11	THERMISTOR (1012)			
TH502	1-805-217-11	THERMISTOR (1012)			
**********					
		REMOTE BOARD			
		**********			
		< CONNECTOR >			
CN604	1-816-423-11	SOCKET, CONNECTOR 3P			
		< IC >			
RM601	6-600-174-01	IC RPM7240-H4 (IR)			
**********					
	1-687-132-11	SENSOR BOARD			
		**********			
		< CONNECTOR >			
CN731	1-785-329-21	PIN, CONNECTOR (LIGHT ANGLE) 3P			
		< IC >			
IC731	6-600-022-01	IC RPI-576			
**********					
	1-687-669-11	SW BOARD			
		*********			
		< SWITCH >			
S751	1-786-514-11	SWITCH, LEVER (SLIDE) (OPEN/CLOSE DETECT)			
**********					
	1-688-088-11	TRANS BOARD (RG550)			
	1-688-698-11	TRANS BOARD (RG660)			
		**********			
*	1-533-213-31	HOLDER, FUSE			
		< CAPACITOR >			
C901	1-164-156-11	CERAMIC CHIP	0.1uF	25V	
C902	1-126-942-61	ELECT	1000uF	20% 25V	
		< CONNECTOR >			
CN901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
* CN902	1-564-514-11	PLUG, CONNECTOR 11P			

Ref. No.	Part No.	Description			Remark
		< DIODE >			
D902	8-719-988-61	DIODE 1SS355TE-17			
D903	8-719-988-61	DIODE 1SS355TE-17			
D904	8-719-988-61	DIODE 1SS355TE-17			
D905	8-719-988-61	DIODE 1SS355TE-17			
		< RELAY >			
⚠RY902	1-755-276-11	RELAY, POWER			
		< SWITCH >			
⚠S901	1-786-408-11	SW, SL 1-2-3 SWS2301 (VOLTAGE SELECTOR)			
		< TRANSFORMER >			
⚠T902	1-439-981-11	TRANSFORMER, POWER			
**********					
		VIDEO OUT BOARD			
		**********			
		< CONNECTOR >			
* CN003	1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P			
		< JACK >			
JK004	1-774-227-11	JACK, PIN 1P (VIDEO OUT)			
**********					
	1-688-081-21	6 STREAM LED BOARD			
		**********			
		< JUMPER RESISTOR >			
JR002	1-216-864-11	METAL CHIP	0	5% 1/10W	
		< DIODE >			
LED601	8-719-058-06	LED HL-30808Q2IT(STREAM 1)			
LED602	8-719-058-06	LED HL-30808Q2IT (STREAM 2)			
LED603	8-719-058-06	LED HL-30808Q2IT(STREAM 3)			
LED604	8-719-058-06	LED HL-30808Q2IT (STREAM 4)			
LED605	8-719-058-06	LED HL-30808Q2IT (STREAM 5)			
LED606	8-719-058-06	LED HL-30808Q2IT(STREAM 6)			
		< RESISTOR >			
R617	1-216-182-00	RES-CHIP	220	5% 1/8W	
R618	1-216-182-00	RES-CHIP	220	5% 1/8W	
R619	1-216-182-00	RES-CHIP	220	5% 1/8W	
R620	1-216-182-00	RES-CHIP	220	5% 1/8W	
R621	1-216-182-00	RES-CHIP	220	5% 1/8W	
R622	1-216-182-00	RES-CHIP	220	5% 1/8W	
R935	1-216-182-00	RES-CHIP	220	5% 1/8W	
R936	1-216-182-00	RES-CHIP	220	5% 1/8W	
**********					

Os componentes indicados com a marca ⚠ são críticos para segurança Somente os substitua por peças indicadas nesse manual.

Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
		**********	
6	1-769-939-11	WIRE (FLAT TYPE) (11 CORE)	
58	1-769-914-11	WIRE (FLAT TYPE) (9 CORE)	
59	1-773-322-11	WIRE (FLAT TYPE) (31 CORE)	
60	1-827-145-11	WIRE (FLAT TYPE) (13 CORE)	
61	1-796-487-41	DECK, MECHANICAL	
⚠205	1-757-813-23	CABO DE FORCA	
252	1-776-182-11	WIRE (FLAT TYPE) (5 CORE)	
308	1-687-133-11	MOTOR (LD) BOARD	
317	1-471-035-11	MAGNET ASSY	
323	1-827-146-11	WIRE (FLAT TYPE) (19 CORE)	
352	1-792-024-11	WIRE (FLAT TYPE) (16 CORE)	
⚠F902	1-533-470-11	FUSE, GLASS TUBE (DIA.5) (T3.15AL/250V)	
⚠F903	1-533-472-11	FUSE, GLASS TUBE (DIA.5) (T5AL/250V)	
⚠F904	1-533-472-11	FUSE, GLASS TUBE (DIA.5) (T5AL/250V)	
⚠F905	1-533-949-31	FUSE, GLASS TUBE (DIA.5) (T8AL/250V)	
⚠F906	1-533-949-31	FUSE, GLASS TUBE (DIA.5) (T8AL/250V)	
M731	1-763-488-61	VENTILADOR, DC	
M741	A-4723-963-A	MOTOR ASSY, TABLE (TABLE)	
M751	A-4736-655-A	MOTOR ASSY, LOADING (LOADING)	
RE701	1-477-680-11	ENCODER, ROTARY (DISC TRAY ADDRESS DETECT)	
⚠T901	1-439-865-11	TRANSFORMADOR DE FORCA	
TU901	1-693-623-11	TUNER PACK (FM/AM) (ANTENNA)	

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ACESSÓRIOS FORNECIDAS

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1-501-374-82	ANTENA LOOP (AM)
1-528-681-12	PILHA PEQUENA
1-793-184-22	CONECTOR ADAPTADOR (TIPO F) FM
4-248-632-12	MANUAL DE INSTRUÇÕES
Y-8284-096-A	CONTROLE REMOTO (RM-SRG660)
4-228-953-01	TAMPA PILHA (RM-SRG660)

Os componentes indicados com a marca ⚠ são críticos para segurança Somente os substitua por peças indicadas nesse manual.

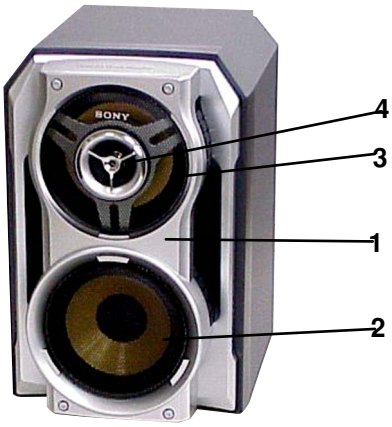
Voltar

8- CAIXA ACÚSTICA

SS-RG665

MANUAL DE SERVIÇO

Versão 1.1 11.2003



LISTA DE PEÇAS

	Part No.	Description	Remark
	Y-8284-108-A	CONJUNTO DE CAIXAS ACÚSTICAS (PAR)	
1	4-245-315-11	PAINEL FRONTAL	
2	9-862-593-01	ALTO FALANTE SUPER WOOFER (15cm)	
3	9-862-594-01	ALTO FALANTE WOOFER (15cm)	
4	9-862-595-01	ALTO FALANTE TWEETER (5cm)	
	1-928-240-01	FIO PREPARADO COM CAPACITOR	
	3-004-800-01	PÉ DE APOIO	

SISTEMA DE ALTO-FALANTE

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Outubro / 2003

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